TRANSCAT®

Trust in every measure

MASTER CATALOG

RALSTON FIELDLAB ›

DRUCK PV624 ›

ADDITEL ADT227 ›



FLUKE SMFT-1000/KIT ›

MEGGER EVCC300 ›

FOR RENT

Popular Units Available **FOR RENT**, Weekly & Monthly Rates Available

Access to 100,000+ **Test & Measurement Instruments** **800-583-4571 | TRANSCAT.COM**

Make Sure Your New Instrument is CALIBRATED BY TRANSCAT®

TRANSCAT®

2024 MASTER CATALOG
WHAT'S INSIDE



TRANSCAT®
Customers Get More!

Once logged-in, our loyalty program gives members exclusive discounts. We've designed it to cater to & reward our loyal customers. **It's free - join, login & start saving right away!**

SAVE with TRANSCAT!

Transcat.com

Login and Save up to
20% Off Select Brands

A Calibration Instruments

B Pressure

C Temperature & Humidity

D Electrical Test Instruments

E Electronic Test Instruments

F Recorders & Data Acquisition

G Plant Maintenance & Environmental

H Phys-D, Weights, Measures, & Tools

J Pipettes, Lab Equipment & Supplies

Why buy from TRANSCAT®?

Support, Selection, Service.

Best Support
Call or chat with our skilled technical support team who offer product selection expertise and application assistance. Let us help you select the best Test and Measurement instrument for your application!

Best Selection
Transcat is a leading stocking distributor of Test and Measurement instruments. We offer same day shipping on most items. Get it faster from Transcat!

Best Service
An industry recognized leader in providing quality, accredited calibration services. Buy your Test and Measurement instruments with calibration from a single source and save time and money!

What our Customers are saying:

Great customer service, prices, and delivery time

"I shopped around quite a bit before ordering from Transcat, and am very pleased with my experience. The customer service was helpful and caring. They offered my products at an excellent price compared to other vendors. The shipment also came 2 weeks early. Would highly recommend."



CALIBRATED BY TRANSCAT®

Is Measurement Accuracy Critical to your Process?

Buy with Calibration and SAVE!

TRANSCAT® Family of Companies

TRANSCAT® BIOMEDICAL

Transcat Biomedical is a leading, national provider of quality instrument metrology and repair service to the biomedical industry.

We service the biomedical engineering, clinical engineering and healthcare technology management departments in hospitals and medical centers. In addition, we provide calibration service to the industrial marketplace serving discrete manufacturers, chemical manufacturers and utilities.



biomedcalibration.com

Angel's Instrumentation A TRANSCAT COMPANY

Angel's Instrumentation is an ISO-17025 Accredited calibration laboratory which is unsurpassed regarding RF & Electronic Test Equipment calibration, Physical calibration, Dimensional calibration, Thermal calibration, Flow calibration and Torque calibration.

Angel's Instrumentation has been a leader in the metrology business since 2000 and continues to focus and excel in the Maritime, Naval, Automotive, Medical, and Manufacturing sectors.



angels-inst.com

UNITED SCALE A TRANSCAT COMPANY

United Scale and Engineering is Wisconsin's largest independent scale dealer. We offer standard and custom solutions for your weighing needs. We sell and service most major brands from lab balances up to heavy capacity truck and rail scales.

United Scale capabilities include:

- Factory authorized service & parts for most scales
- ISO Certified Calibrations both in-house & on-site
- Experienced, factory trained and licensed field service representatives
- Rental of many sizes and types of scales
- Experienced sales and technical support
- 24/7 emergency service available



unitedscale.com

TRANSCAT® PIPETTES

Our ISO 17025 accredited pipette calibration program provides the quality & expertise required, with a fast, next-day turnaround to minimize your measurement errors and downtime. Plus you can buy pipettes from industry leading manufacturers and get your pipette calibration services from a single source.

- A comprehensive selection of products
- Our Boston, MA laboratory is ISO/IEC 17025:2017 accredited calibration
- 24-hour turnaround service on all prescheduled calibration
- Environmentally controlled facilities and state-of-the-art equipment
- Multiple levels of calibration for single channel pipettes and multichannel pipettes



pipettes.com

Trust in every measure



CALIBRATED BY TRANSCAT®

Largest Scope of Accreditation in the Industry

In-Lab Calibration

- Item is shipped back in five business days for most services
- We provide local pickup and delivery services
- We offer primary level calibration capabilities

Onsite Calibration Service

- This premium service offers you the same levels of quality service you have come to expect from our in-lab calibrations
- Onsite calibrations provides maximum flexibility

In-Process Calibration Services

- Our highly trained technicians can come onsite to calibrate your in-process instruments - including transmitters, sensors, switches, recorders, controllers, ovens, chambers, and more

Mobile Calibration

- Bringing our lab to you for cost effective calibrations
- Climate-controlled network of mobile labs

Repair Services

- Repair Center based in our Houston Calibration Lab
- Cost effective repairs on most instruments

Transcat Managed Service Network

- We manage all your calibrations through our extensive network of approved vendors

Learn More: **Transcat.com/service-types** ❯

Calibration Capabilities

Electrical
- Ammeters
- Clamp On Meters
- Dataloggers
- Digital Multimeters
- HiPots
- Megohmmeters
- Voltmeters
- Wattmeters

Calibrators
- Current
- Multifunction Process
- Pressure
- Process Loop
- RTDs
- Simulators/Calibrators
- Temperature
- Thermocouple
- Voltage

Temperature
- Chambers
- Controllers
- Digital Thermometers
- Dry Blocks
- Heat Sealers
- Industrial PRTs
- Infrared Thermometers
- Liquid Bath
- Liquid in Glass Therm.
- Ovens
- RTDs
- Solder Stations
- Temperature Indicators
- Thermistors
- Thermocouples

Dimensional
- Calipers
- Crimp Tools
- Micrometers
- Pin Gages

Physical
- Accelerometers
- Air Flow
- Air Velocity
- Conductivity Meters
- Force Gauges
- Gas Flow
- Humidity
- Light Meters
- Liquid Flow
- Load Cells
- Particle Counters
- pH Meters
- Pipettes
- Tachometers
- Torque Testers/Analyzers
- Torque Wrenches

Pressure
- Absolute Gauges
- Controllers
- Deadweight Testers
- Indicators
- Manometers
- Micromanometers
- Transducers/Transmitters
- Vacuum/Pressure Gauges

Mass
- Class 4-7 up to 25kg
- Scales and Balances

Electronic
- Counters
- Decade Boxes
- Function Generators
- Impedance Meters
- Oscilloscopes
- Power Supplies
- Recorders
- Signal Generators
- Stopwatches and Timers

Reference Level Capabilities

Temperature Probes
- Metrology Wells
- RTD/PRT Probes (Kaye Intelligent)
- Secondary Stand. PRTs
- SPRTs
- Standard Ref. PRTs

Dimensional
- Diameter Master Rings
- End Measuring Rods
- Gage Blocks
- Plug Gages
- Sine Bars/Plates
- Thread Wires

RF/Microwave
- Counters
- Network Analyzers
- Power Meters/Sensors
- Signal Generators
- Spectrum Analyzers

High Voltage
- AC (0 to 80k)
- DC (0 to 120k)
- Probes, Dividers, Meters

Pressure
- Dead Weight Testers, Pneumatic & Hydraulic
- High Precision Pressure Controllers and Transducers
- Very Low Pressure Installments

DC/Low Frequency
- Current Shunts
- High Accuracy DMM
- Multifunction Calibrators
- Phase
- Precision Capacitors
- Precision Inductors
- Precision Resistors

Mass
- Class 1-3 up to 5kg
- Load Cells
- Proving Rings
- Weights

Humidity

NEW
- Accelerometers
- Black Body Calibrators
- Dew Point
- EMC Testing
- Ground Clusters
- Hot Sticks
- Laser Shaft Alignment
- Thermal Imaging Cameras

Learn More: **Transcat.com/capabilities** ❯

Mobile Calibration Laboratory

Transcat now provides the next generation in calibration. Transcat's mobile calibration services provide premium service with maximum convenience. Mobile labs are located throughout the US.

Lab Accuracy with Mobile Ease

- 17025 Accredited Lab
- Capabilities Include: Pressure, Torque, Temperature, Hydraulics, Electrical, and More
- Rental & Product Purchases Immediately Available
- Nationwide Scheduling
- Access to Transcat's Network of Labs and Repair Centers
- Reduce Equipment Downtime
- In-Process Calibration Services Available









Contact your sales representative to schedule your next mobile calibration.

Learn More: **Transcat.com/mobile-calibration** ❯



Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Network of Calibration Labs

Transcat's calibration labs are strategically located to be accessible to all our customers. Whether you're a single site or a company with multiple plants, we offer local services with international capacity and scope.



Learn More: **Transcat.com/labs** ❯



Reference Standards Capabilities

Reference Mass Calibrations
- Echelon II and III standards
- Class 1 to 7 weights
- Facilities throughout North America

Reference Electrical Calibrations
- Reference multimeters
- Reference multifunction calibrators
- AC standards and more

Reference RF
- To 50GHz, 17025 Accredited

Reference Temperature Calibrations
- Ranges from -195° to 660°C
- Industry best uncertainties
- Comparison & fixed point methods

Reference Pressure Calibrations
- Pressure calibration to 72,500 PSI
- Low pressure to -60” H_2O
- Deadweight tester calibration

Reference Dew Point
- Capabilities to -95°C

Reference Humidity
- 10% - 95% RH
- Uncertainties of 0.5%

Reference Dimensional
- Multiple disciplines available

Learn More: **Transcat.com/ref-standards** ❯



Client Based Laboratory (CBL) Solution

Our CBL service option is a Transcat-operated calibration lab tailored to your needs and located at your facility. We set up staff and manage your facility's calibration lab based on your needs and quality standards.

Why choose a Transcat CBL?

- Customers have access to all of Transcat's metrology experts, calibration software, and datasheets
- It is tailored to your specific needs based on multiple meetings with Transcat metrology experts
- We reside at your facility, saving you time and overhead in preparing and shipping instruments to a calibration service provider's lab offsite
- Transcat has established multiple CBLs for companies in various industries including: medical device, pharmaceutical, and manufacturing

Learn More: **Transcat.com/client-based** ❯



Validation and Analytical Instrument Services

A leading analytical and validation service provider to the Life Sciences Industries.

Validation Services for:

- Laboratory equipment, such as pH meters, balances, centrifuges, and more
- Temperature studies for storage equipment such as: freezers, refrigerators, incubators, environmental chambers, stability chambers, and walk-ins
- Wireless warehouse temperature and humidity mapping capabilities
- Autoclave load pattern validation and glassware washer load validation services
- Oven services including depyrogenation ovens with endotoxin challenge studies

Analytical Services for:

- Chromatograph qualification services for HPLC, UPLC, and GC system
- Qualification solutions for other analytical equipment such as UV/Vis specs, dissolution baths, FTIR, plate readers, autosamplers, and titrators

Learn More: **Transcat.com/validation** ❯

Offering You the Widest, Comprehensive Suite of Accredited Calibration and Related Services

C3™ - Asset Management Software

A truly industry unique integrated asset tracking software for quality control and asset management.

- Remain Compliant With Your Quality Systems
- Control and Manage Your Assets
- Helps Maximize Your Asset Investment

Learn More: **Transcat.com/c3** ❯

Compliance Control Cost Management™ Software by TRANSCAT

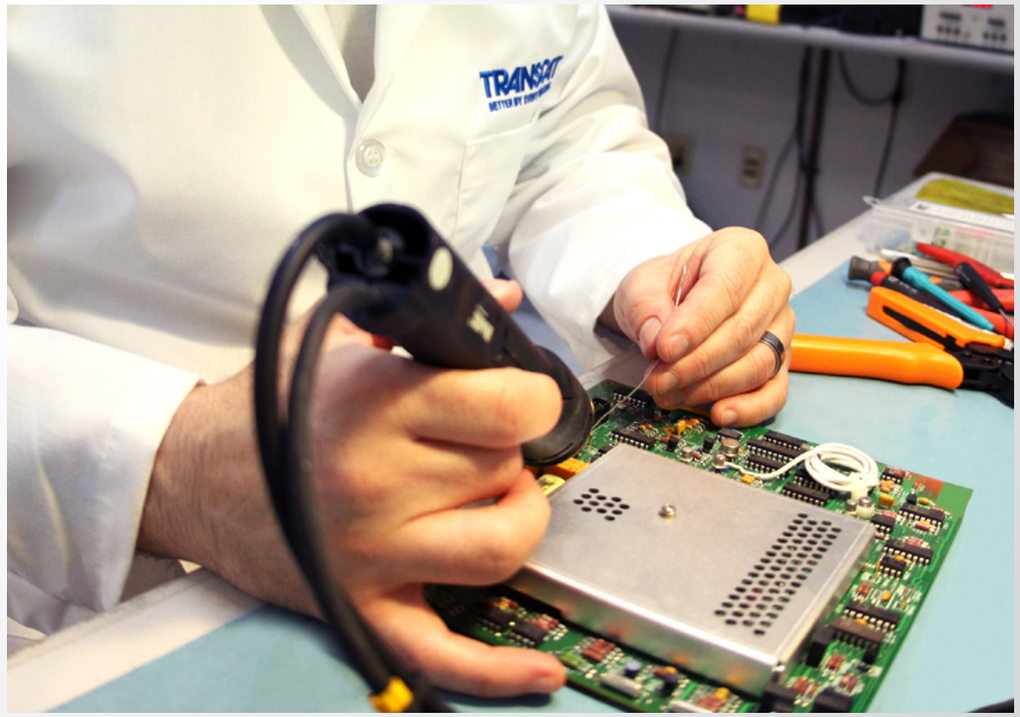


Expert Instrument Repair

Convenient, Cost Effective, Fast.

- We repair most makes and models of test and measurement instruments, saving you the time and inconvenience of sending your test and measurement equipment to multiple OEMs.
- Our expertly trained repair technicians can turn your jobs around faster than the OEM – and often for less!
- Flat rate pricing on the most popular instruments makes it easy for you to budget and acquire repair services.

Learn More: **Transcat.com/repair** ❯





Instrument Rental Services

Short and long-term test and measurement equipment rentals available.

Why Rent from Transcat:

- You need additional equipment for a planned or unplanned shutdown?
- Is your test equipment out for service and you need a short-term rental?
- Can't purchase an instrument and need a rent-to-buy option?
- Do you need to trade-up to a newer model?

- Short and long-term rentals (weekly or monthly)
- Same-day shipping of in-stock items
- Instruments are calibrated and ready to go
- Over 90 major manufacturers are available
- Rent with the option to buy

Trade-In Equipment

- Trade your old equipment in for newer upgraded models, substitutes, or use as a credit for calibration or repair services in Transcat's 17025 accredited lab
- Consignments also welcome - the very best way to maximize your trade-in dollars is to convert idle assets to immediate cash

Learn More: **Transcat.com/rental** ❯

FLUKE · Baker Hughes · AMETEK · Tektronix · TELEDYNE FLIR · Megger · Additel · AEMC INSTRUMENTS CHAUVIN ARNOUX GROUP · Atlas Copco · EMERSON · RIGOL · PLARAD Torque & Tension Systems



Used Test Equipment

Transcat has over 25 years of experience as a premier supplier of refurbished and used test and measurement equipment.

- We buy, repair, and refurbish used equipment, so ask us about your trade-in!
- Decrease acquisition and maintenance cost with used equipment
- Used equipment is given an extensive quality inspection
- We specialize in Lab Standards
- All equipment is mechanically and cosmetically refurbished
- Equipment comes calibrated with data (note: used equipment does not come with accreditation)
- Manuals and accessories are included with unit
- One year warranty included with extensions available

Learn More: **Transcat.com/used** ❯

Brüel & Kjær Anritsu FLUKE Calibration Tektronix LeCroy AMETEK PROGRAMMABLE POWER KEITHLEY KEYSIGHT



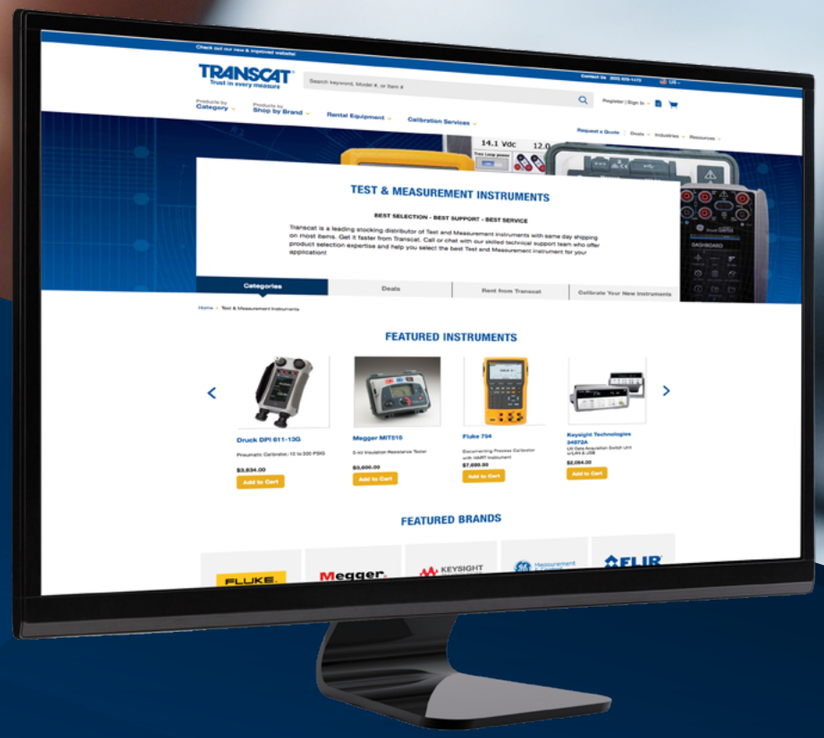
New Product Offerings

The right product, when you need it, at the best value.

- Over 200,000 different test and measurement instruments from over 500 of the industry's leading brands
- First to market with the most comprehensive selection of new products
- New instrument calibration available
- Same day shipping available on our best-sellers
- Our product specialists have an average of over 10 years experience in the industry

Learn More: **Transcat.com/products** ❯

FLUKE. AMETEK® Baker Hughes AEMC® INSTRUMENTS CHAUVIN ARNOUX GROUP KEYSIGHT TELEDYNE FLIR EMERSON Tektronix® Additel Metrology Made Simple Megger



TRANSCAT®
Customers Get More!

- ✓ Exclusive Discounts
- ✓ Best Price Guarantee
- ✓ Free Shipping on Web Orders > $100
- ✓ Same-Day Shipping on Top Sellers
- ✓ Buy with Calibration
- ✓ POs Accepted at Checkout

Create an online account &
SAVE UP TO 20%!
* On Select Brands

Login and Save up to 20% Off Select Brands

Weekly and Monthly Rentals from the Instrument Experts



Transcat Rentals provide immediate, efficient and cost effective solutions for your temporary application or project needs. We offer a wide variety of inventory that comes calibrated ready to use. Our rental experts can help you choose the right equipment while offering flexible rental options, along with quality customer service.

- Dedicated rental experts are ready to help you find the right piece of equipment and determine the best course for rental
- Transcat provides consultative services on equipment selection, given your existing systems and operations
- Ready to use calibrated equipment provided quickly in a cost effective and flexible way
- Same-day shipping is available in most cases

"I was in a bind and had to rent a machine. Transcat made it very easy for me to get the machine I needed quickly so there was no down-time in our facility. I would recommend them. The staff was very helpful."

Carol Hartman | Point Medical

go to: Transcat.com/rental

FLUKE · Tektronix · Baker Hughes · KAYE · AMETEK PROGRAMMABLE POWER · KEYSIGHT

Megger · YOKOGAWA Yokogawa Corporation of America · FLUKE networks · EMERSON Process Management · FLUKE Calibration · TELEDYNE FLIR · AEMC INSTRUMENTS CHAUVIN ARNOUX GROUP

CALIBRATORS

We have the most advanced portable calibrators available today, including those that transition from field to bench. Take a look at our ruggedly reliable instruments built by leaders, such as Fluke, Druck, or Additel.



Druck DPI 620

Fluke 754

Additel 761A

View All

VALIDATION

The Kaye Validator® System simplifies the entire temperature chamber validation process by reducing setup time, minimizing sensor handling, automating sensor calibration, neatly organizing study data, and generating regulatory required reports. It is supported by fully validated hardware, software and firmware documentation. Choose additional options to complete your personalized testing needs.



Validator



LTR Temperature Reference

View All

HYDRAULIC & ELECTRICAL TORQUE

Our wrenches deliver the top performance, features, ergonomics and safety your operators deserve and your business needs. You can experience the advantages of equipment with light weight and strong housing that is also designed for the optimal delivery of torque in the capabilities you require.



HYTORC HY-115



Atlas Copco RTX-04

View All

CABLE TESTERS

Versiv™ modular design supports copper certification, fiber optic loss, OTDR testing and fiber end-face inspection! Unmatched speed for Cat 6A, 8, Class FA, I/II and all current standards. Get real-time access to test results to quickly fix problems in the field, and easily transfer and consolidate test results from the tester to LinkWare™ PC (DSX unit and modules).



DSX-8000 CableAnalyzer

View All

SPECIALTY CAMERAS

Visually detect leaks, temperature changes, sound, UV and more with our full range of imaging units!

FLIR SI124 Industrial Ultrasound Imaging Camera



Fluke ii900 Sonic Imager

Sonel UV-260 UV Camera

View All

DATA ACQUISITION

Transcat offers all types of data loggers, including high accuracy models that monitor the temperatures of scientific environments, medical processes or perishable product storage. Compact digital devices that use a sensor to measure environmental conditions, as well as other parameters. Digital models come with varying memory capabilities that store the recorded measurements.

Hioki MR8847



Keysight DAQ970A

View All

POWER QUALITY

You have the power, we have the tools to help test it! Our versatile product selection ranges from basic connectors to advanced logging instruments. You can find power quality analyzers with advanced capabilities for monitoring and recording a wide range of parameters.



Fluke 1775

Megger MPQ1000





Yokogawa CW500

View All

HIGH POWER

Transcat specializes in high power DC and AC supplies, loads and battery testers. These units are capable of sourcing and syncing up to 90kw and are used by many industries related to auto/trucking battery manufacturing and charging.

NH Research 9300-100



California Instruments MX Series



View All

FLOW METERS

What happens when you combine the proven track record of the TransPort® PT878 (TransPort PT900's powerful predecessor) with the latest technology? Powered by smart device technology, the TransPort features an all new clamping fixture, high-performance transmitter, rugged transducers, and intuitive tablet interface so you can make accurate measurements in just minutes.

Panametrics PT900



View All

RF MICROWAVE

Whether you need and oscilloscope, AC/DC Power supply or Network Analyzer, we have the solution. With an array of makes and models to choose, we can supply the correct instrument. We have the equipment you need with pricing to fit any budget.

Tektronix MSO5 Series



Keysight E8257D

View All

Additional Rental Unit Categories:

- Thickness Gauges
- HART Communicators
- Pressure Gauges
- Digital Multimeters
- DC & AC Loads
- Gas Sniffers
- Humidity & Dewpoint
- Vibration Testers
- Thermometers
- DC & AC Power Supplies
- DLROs
- Pumps
- Balances & Scales

And More!



SECTION A
CALIBRATION INSTRUMENTS

Make Sure Your Instrument is
CALIBRATED BY TRANSCAT®

- Deadweight Testers
- Documenting Calibrators
- Dry Block Calibrators
- Loop Calibrators
- Pressure Calibrators
- RTC Calibrators

Visit Transcat.com for a Detailed List

Advanced Modular Calibration Systems A8
Calibration Assistants A5
Calibration Baths A41-A43
Calibration Sources, Nitrogen A73
Calibrators A6, A9, A11-A15, A17-A20, A22-A28, A30-A31, A34-A35, A37-A38, A45-A51, A53-A56
Communicator Kits A3
Communicator Apps A4
Deadweight Testers A66-A70
Dirt and Moisture Traps A62
Dry Block Calibrators A25, A27, A30-A31, A37-A38
Dry Well Calibrators A34-A35
Field Metrology Wells A32-A33
Gauge Comparators A72
HART Modems A2
Infrared Calibrators A25-A26
Manifolds A63-A64, A74
Metrology Calibration Baths & Wells A29, A41-A43
Multifunction Calibrators A12-A15
Pressure Calibrators A45-A51, A54-A56
Pressure Comparators A72
Pressure Controllers A53, A61
Pressure Indicators A19, A59-A60
Pressure Modules & Module Carriers A7, A57-A58
Pressure Regulation Kits A65
Process & Loop Calibrators A6, A9, A11-A13, A17-A20, A23
Process Clamp Meters A21
Process Control Valve Testers A16
Process Multimeters A10
RTC Calibrators A31
Signal Simulators/Calibrators A22
Temperature Calibrators A24-A25, A31
Test Pumps A71
Thermocouple Calibration Furnaces A36, A39-A40
Triple Point of Water Maintenance. Systems A44

NEW

ProComSol
Process Communications Solutions

ProComSol HART Modems

HM-USB-ISO - Isolated USB HART Modem

- 1500 Vdc Opto Isolation Between HART and USB Circuits
- Supports all USB Versions
- Integral Standard USB type A Connector
- Integral Heavy Duty HART Mini-Grabber Connectors
- Meets FieldComm Group Specification HCF_SPEC-54
- Self Powered, no External Power Supply or Batteries Needed
- Easy to Install Virtual Serial Port for any Windows Application
- Works with DevCom2000 and DevComDroid and Many Other HART Windows Software



HM-USB-ISO

HM-USB-PWR - Isolated USB HART Modem with Built-In Power Supply

- Combination HART Modem and Power Supply for HART Transmitters
- +24Vdc supply from USB Connection or AC to USB Adapter
- 1500 Vdc Opto Isolation between HART and USB Circuits
- Supports all USB Versions
- Integral Standard USB type A Connector
- Heavy Duty HART Mini-Grabber Connectors
- Designed to Meet HART Physical Layer Spec HCF_SPEC-54
- Self Powered, No External Power Supply or Batteries Needed

HM-USB-PWR



HM-BT-BAT-ER - Bluetooth HART Modem

- Access Hard to Reach HART Instrumentation from the Ground or from Your Truck
- Improves Plant Personnel Safety and Productivity
- Easy HART Instrument Configuration Using PC's or Mobile Devices without Wires
- Less Clutter on Desk or Workbench
- Reliable Wireless Communication up to 275 ft (83.8m)
- Internal Antenna
- Rechargeable Li-Ion Battery via mini-USB Connector



HM-BT-BAT-ER



Download the HM-USB-ISO Datasheet



Download the HM-USB-PWR Datasheet



Download the HM-BT-BAT-ER Datasheet

Shop ProComSol HART Modems

ProComSol HART Communicator Kits

TAB-DROID-BT

Android Tablet HART Communicator Kit, Bluetooth. Combines all components needed for a cost-effective HART Hand-Held Communicator using a Samsung Tab A Tablet and a Bluetooth HART Modem.

- Samsung Tab A Tablet with Bluetooth, Android 11, WI-FI, 2GB RAM, 32GB Storage Memory, 8 inch Touch Screen
- DevComDroid Smart Device Communicator App
- HM-BT-BAT-ER Bluetooth HART Modem
- Complete HART DD Library
- One year Update Subscription (SUB-1YR)
- Loop Resistor, 250 Ohm
- Rugged Hard Plastic Case with Carrying Handle



TAB-DROID-BT

TAB-PC-BT

Windows Tablet HART Communicator Kit, Bluetooth. Combines all components needed for a cost-effective HART Hand-Held Communicator using a Windows Surface Go 3 Tablet and a Bluetooth HART Modem.

- Microsoft Surface Go 3 with Bluetooth, Wi-Fi, Windows 11, Wireless Keyboard, 8 GB Memory, 128 GB SSD Storage, 10.5 inch Touch Screen
- DevCom2000 HART Communicator Software
- HM-BT-BAT-ER Bluetooth HART Modem
- Complete HART DD Library
- One Year Update Subscription (SUB-1YR)
- Loop Resistor, 250 Ohm
- Rugged Hard Plastic Case with Carrying Handle



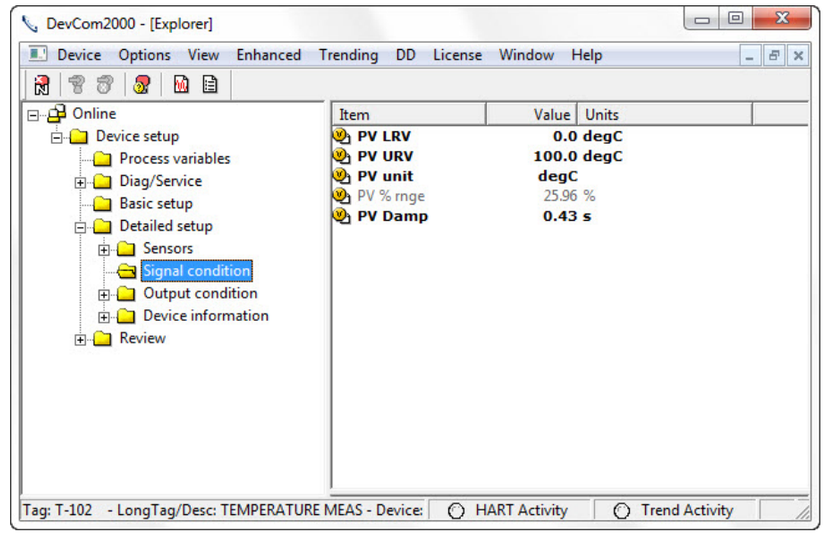
TAB-PC-BT

Shop ProComSol HART Communicator Kits ❯

ProComSol HART Communicator Apps

DevCom2000 HART Communicator Software for Windows

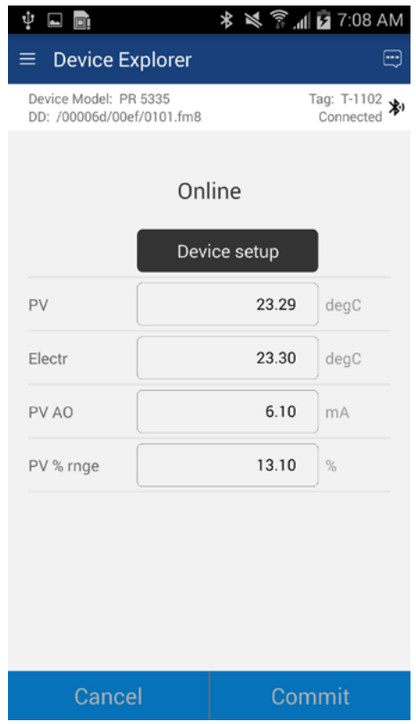
DEVCOM2000



- Comes with ALL the Latest Registered DD's from the FieldComm Group (FCG)
- Complete Access to All Features of the device DD including Methods
- Monitor PV, Multi-variables, and Device Status
- View and edit Device Variables
- Windows Explorer Menu Layout
- Device Menu Structure Easy to Navigate
- Get to the Information You Want Quickly
- Communication and Event Logs
- Save Device Configurations as Text and PDF Files for Documenting the Device
- Write saved device configurations to devices
- Perform Calibration Checks
- Save Calibration and Device Configuration Data to the Cloud
- Trend Process Variables as Well as any Other Parameter Associated with the Device
- Complies with the Enhanced DDL Standard (IEC 61804-3)
- Supports HART 5, 6, 7, Wireless HART devices, and HART-IP
- 1 Year of Free DD library and Program Updates
- No Tag Limits!

DevComDroid HART Communicator App for Android

DEVCOMDROID



- Comes with ALL the Latest Registered DD's from the FieldComm Group (FCG)
- Complete Access to All Features of the Device DD Including Methods
- Monitor PV, Multi-Variables, and Device Status
- View and Edit Device Variables
- Easy to Use Android Interface
- Save Device Configurations as Text and PDF Files for Documenting the Device
- Write Saved Device Configurations to Devices
- Perform Calibration Checks
- Save Calibration and Device Configuration Data to the Cloud
- Supports HART 5, 6, 7, Wireless HART Devices, and HART-IP
- Supports German, Spanish, Portuguese, French, Swedish, Russian, and Chinese
- 1 Year of Free DD library and Program Updates
- No Tag Limits!
- Wireless Convenience
- Complete HART Communicator that Can Fit in Your Pocket!

Shop ProComSol HART Communicator Apps ❯

Fluke 154
HART® Calibration Assistant

The Fluke 154 is a stand alone tablet based HART communication tool. The tablet configured with the "FlukeHART" mobile app utilizes a wireless HART modem that connects directly to the HART transmitter being tested or configured.

- Full HART Device Description (DD) Support of All HART Devices
- Configure HART Devices
- Perform HART Trim on HART Devices when Used with a Fluke 750, or 720 Series Calibrator
- Monitor Device PV, SV, TV, QV and other Measured HART Variables
- Quarterly HART DD Updates for Free
- Long Range Wireless Communication up to 250 Feet



Download the 154 Datasheet

Learn More about the 154:

- https://youtu.be/3DG_GKnQvLw



Shop Fluke 154

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 750 Series
Documenting Process Calibrators

Fluke's next generation Documenting, Multifunction Calibrator improving upon the popular 74X series.

- Bigger, Higher Contrast Display
- New Longer Life Li-Ion Battery with Improved Easy Access Design
- Improved Front Panel Ergonomics
- Model 754 Includes HART® Communication for Adjusting and Testing HART® Smart Transmitters
- Advanced Features Like Autostep, Custom Units, User Entered Values During Test, One-Point and Two-Point Switch Testing, Square Root DP Flow Testing, Programmable Measurement Delay and More
- Includes the New C799 Field Soft Case
- All the Features of the 740 Series Plus Many Enhancements



Download the 753 & 754 Datasheet

Learn More about the 754:

· https://youtu.be/dvQqZdqh4oY



753

754



Use with or without gloves!

Shop Fluke 750 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 750P Series
Pressure Modules

The 750P Series Pressure Modules are the ideal pressure modules to enable gage, differential and absolute pressure measurement with Fluke 750 and 740 series DPCs and 725, 726 MPCs to measure pressure.

- 0.025% Reference Uncertainty
- 6-Month and 1-Year Specifications
- Temperature Compensated 0°C to 50°C
- Broad Selection of Ranges
- Digital Communication to Calibrators, No Analog Losses or Errors
- Gage, Differential, Dual Range, Absolute and Vacuum Measurement Models



750P06



Download the 750P Series Datasheet



Shop Fluke 750P Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Druck DPI 620 Genii

Advanced Modular Calibration System + HART® Communicator

The modular Genii delivers a huge range of calibration tasks in one compact handheld system. Genii improves calibration tasks with greater accuracy, incredible versatility and fast intuitive navigation.

- Measure, Source and Simulate mA, mV, V, Ohms, Frequency, RTDs and Thermocouples
- Accuracy from 0.0025% Rdg + 0.002% FS
- Swipe Navigation
- Flatter Menus for Fast Access to All Functions
- Powerful Windows CE (WEC7) Operating System
- Full HART® Communicator
- Bluetooth, USB and Wi-Fi as Standard



Download the DPI 620 Genii Datasheet



Learn More about the DPI 620 Genii:

- https://www.youtube.com/watch?v=lHkuvqCKPjc

HART COMMUNICATION PROTOCOL

Fieldbus Foundation

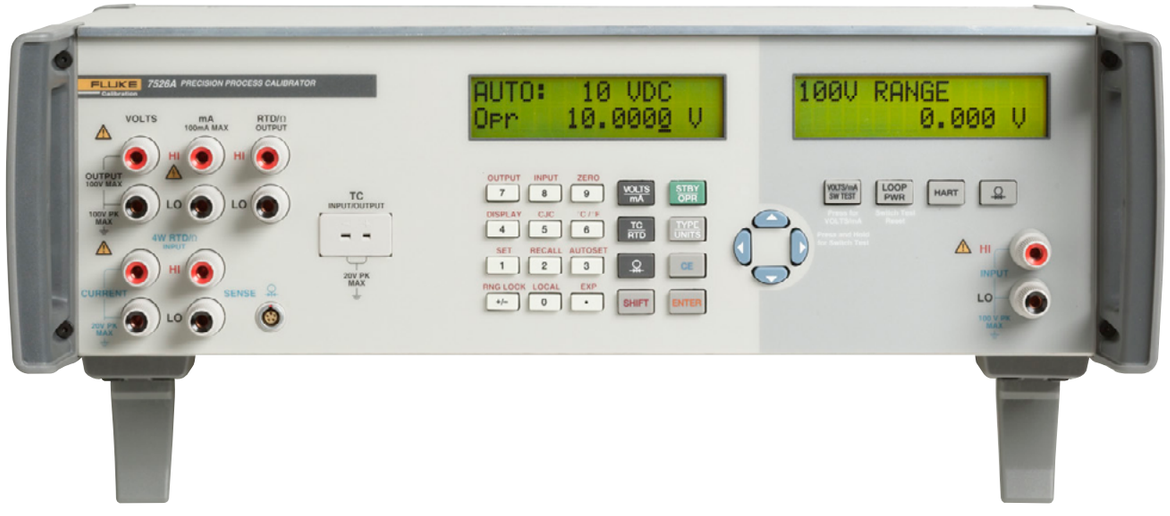
Shop Druck DPI 620 Genii

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 7526A
Precision Process Calibrator

Versatility, precision and value, combined into a single benchtop process calibration tool.

The Fluke Calibration 7526A Precision Process Calibrator offers the best balance of economy and accuracy for benchtop calibration of temperature and pressure process instrumentation. Easily calibrate RTD and thermocouple readouts, pressure gauges, temperature transmitters, digital process simulators, data loggers, multimeters and more.



- Sources and Measures DC Voltage, Current, Resistance, RTDs and Thermocouples
- Precision Pressure Measurement Using Fluke 750 Series Pressure Modules
- Includes 24 V DC Transmitter Loop Power Supply
- Measures 4-20 mA Loop Current
- Includes Automated Switch-Test Function
- Accepts ITS-90 Coefficients for Accurate SPRT Measurements
- Compatible with MET/CAL® Calibration Software
- Includes Certificate of Calibration Traceable to National Standards (Optional A2LA Accredited Calibration Available Upon Request)



Download the 7526A Datasheet

Shop Fluke Calibration 7526A

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 787B/789 and 789 Fluke Connect™
ProcessMeter™ and ProcessMeter™/Temp Kit

787B/789

- 61010 CAT III
- Precision 1,000V, 440 mA True-RMS Digital Multimeter
- Frequency Measurement to 20 kHz
- Min/Max/Average/Hold/Relative Modes
- Diode Test and Continuity Beeper
- Simultaneous mA and % of Scale Readout
- 20 mA DC Current Source/Loop Calibrator/Simulator
- Manual Step (100%, 25%, Coarse, Fine) plus Auto Step and Auto Ramp
- Externally Accessible Battery for Easy Battery Changes
- Fluke 787B is Fluke CONNECT® Enabled

789 Fluke Connect™

The Fluke 789 ProcessMeter is the ultimate troubleshooting tool for electricians and instrumentation professionals, combining the functionality of a loop calibrator with the power of a digital multimeter. With its built-in, selectable 250 Ohm HART® resistor, it eliminates the need to carry a separate resistor with you. Use the included FC Connector with the Fluke 789 and get the full benefits of the Fluke Connect™ mobile app. Download it now and get started.

- Unique New Wireless Measurement Logging Capability
- Temperature Measurement from -200°C to 1372°C Using the T3000 FC
- 24 V Loop Power Supply
- HART® Mode Setting with Loop Power (Adds 250 Ohm Resistor)
- 100% Larger Dual Display
- 1200 Ohm Drive Capability on mA Source
- Enhanced Backlight with Two Brightness Settings
- 0% to 100% mA Span Check Buttons to Toggle Between 4 and 20 mA
- Infrared I/O Serial Port Compatible with FlukeView® Forms Software Version 2.1
- Externally Accessible Fuses for Easy Replacement

789



Shop Fluke 787B ›

Shop Fluke 789 ›

Shop Fluke Fluke Connect™ ›



Download the 787B/789 Datasheet



Download the Fluke Connect Brochure

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

NEW

Additel
Metrology Made Simple

Additel 226/227 Series
Multifunction Process Calibrators

Additel's new Multi-functional Process Calibrator series takes portability, functionality, and accuracy to a whole new level and packages it with an intuitive and easy to use color touchscreen display.

- Sourcing, Simulating and Measuring Pressure, Temperature and Electrical Signals
- Built-in Barometer
- Intrinsically Safe Models Available (Ex)
- Large Smartphone Like Touchscreen User Experience
- USB Type-C and Bluetooth Communications
- Built-in Full Hart Communicator (ADT227-HART)
- IP67 Rated
- High Voltage Measurement Capability (300V AC)
- True RMS Voltage Meter Capability
- Dual Channel Pressure Module Ports
- High Static Differential Pressure Measurement 0.002% FS
- ISO 17025-Accredited Calibration w/ Data Included

Learn More about the 226/227 Series:

- **https://youtu.be/TExq9dcfDJU**



ADT226

ADT227Ex



Download the 226, 226Ex Datasheet



Download the 227, 227Ex Datasheet

Shop Additel Multifunction Process Calibrators

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 725/726
Multifunction Process Calibrators

The one multifunction calibrator you need for all of your process calibrations.

- Measure/Source Screen Lets You Simultaneously View Input and Output; Each Display is Full Size for Easy Reading
- Measures and Sources DC Volts, mA, RTDs, Thermocouples, Frequency, Ohms for Sensor & Transmitter Tests
- Sources mA with Simultaneous Pressure Measurement for Valve and I/P Tests
- Performs Pressure Functions via Fluke 700 Series Pressure Modules
- Error % Calculation (Fluke 726)
- Supports Flowmeter Testing with Frequency and Counts per Minute (CPM) Functions
- Internal 24V Loop Supply
- All the Above Plus Best-in-Class Accuracy of 0.01% for VDC and mA (Fluke 726)
- Memory Storage and Switch Test Function (Fluke 726)
- Frequency Totalize - Source and Measure (Fluke 726)



Download the 725 Datasheet



Download the 726 Datasheet







Shop Fluke 725/726

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/JOFRA ASC-400
Multifunction Calibrator

User friendly multifunction calibrator with Advanced Simplicity.

- Large Full Color Display and Advanced Simplicity Interface – Unique Single Layer Interface Means No Deep Menus to Scroll Through
- Input and Output – Read or Simulate 16 RTD Types, 13 T/C Types, Current, Voltage, Frequency, Pulse Train, Resistance
- Simultaneous Source and Isolated Read-Back
- Calibrate Pressure and Temp. with APM CPF and Optional Reference Level Pt100 Temp. Probe
- NEW! Digital Connection Assistant
- Features Such as Automatic Leak Test, Switch Test, Scaling, Stepping, and Ramping
- Fuseless Protection
- "Wireless Keypad" – Test Leads Connect at the Top so No Interference with Keypad Operation
  - One of the Key Design Elements of Our JOFRA Handheld Calibrators



Download the ASC-400 Datasheet



ASC-400 with CTC Dry Block



Learn More about the ASC-400:

· https://youtu.be/8yxo0Sy5JQM?si=qQDtu7KPVLNpZjQe

Shop AMETEK/JOFRA ASC-400

PIE 830

Dual Channel Multifunction Diagnostic Calibrator

Carry eight single function calibrators plus a milliamp calibrator with loop supply plus a loop troubleshooter in the palm of your hand!

- Quickly Diagnose Troublesome Ground Faults & current Leakage with Patented Loop Diagnostic technology. These Problems are Undetectable with Other Instruments!
- Simultaneously Displays Current, Voltage and Resistance to Let You Know the Condition of a Live Loop. Finds Problems with Power Supplies & Loops with too Many Loads. Patented by PIE!
- Troubleshoot Sensor Connections and Find Broken wires with Patented Technology. LCD Indicates Which of the Four Wires are Connected to an RTD Sensor
- Swap out Faulty Transmitters to Diagnose Control Issues: Easily Setup the 830 as a Universal Isolated Transmitter for Temperature, Frequency, Millivolt or Pressure. If the Loop is Back Under Control You Know the Transmitter was Faulty. Turn on the *LoopScope* to Simultaneously See the Loop Current, Power Supply Voltage and Loop Loads for Troubleshooting
- Calibrate with Confidence Accurate to ±0.02% of Reading + 0.01% Full Scale



Learn More about the 830:

· **https://youtu.be/urBbRzFNdc4?si=-6K3QAt5lLBSgKEl**



Download the 830 Datasheet

Shop PIE 830

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

PIE 820/820 Elite
Multifunction Process Calibrators

Carry six single function calibrators in the palm of your hand with the PIE 820/820 Elite.

- Compact Calibrator Replaces Toolbox of Single Function Devices:
  - -Milliamp
  - -Voltage
  - -Frequency
  - - pH
  - - Thermocouples
  - -RTDs
  - - Check Continuity
  - - Pressure
- Intuitive EZ-DIAL Double Click Menu Makes it Easier to Setup than Other Multifunction Calibrators. Similar to the Single Function PIE Calibrators
- Use it as a Milliamp and Voltage Calibrator
- Quickly Diagnose Ground Fault and Current Leakage with Patented Loop Diagnostic Technology (US Patent 7,248,058)
- Calibrate Directly in Temperature to 0.1°C &0.1 °F
- Source & Read Frequency to 2000 CPM (Counts-Per-Minute), 999.99 Hz, 9999.9 Hz & to 20.000 kHz
- 'Beep' Out Connections with the Built-In Continuity Checker
- Simulate pH Probes into Transmitters & Analyzers - Source from 0.000 to 14.000 pH @ 25°C (77°F) Corresponding to -414.12 to +414.12 mV

Learn More about PIE Multifunction Process Calibrators:

- **https://youtu.be/07OsMNNiKNw?si=O2nCQfQcfQ9nx0wV**



820

820ELITE



Download the 820 Datasheet

Shop PIE 820/820 Elite

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 710
Process Control Valve Tester

Featuring built-in test procedures and an intuitive user interface, the 710 allows users to quickly and easily perform valve tests, while the valve test quick-check results provide at-a-glance diagnostics help you make maintenance decisions faster than ever.

- Valve Test Procedures that Deliver Good, Marginal or Bad Assessment of a Control Valve
- Generic HART Communication
- Best-in-Class mA Accuracy at 0.01 % Measurement or Source Value
- Intuitive User Interface with Quick-Set Knob for Fast Setup, Easy to Use
- 24 V DC Loop Power with mA Measure Mode (-25 % to 125 %)
- Compact Rugged Design
- Resolution of 1 µA on mA Ranges and 1 mV on Voltages Ranges
- Built in Selectable 250 Ω Resistor for HART Communications
- Simple Two Wire Connection for All Measurements
- Auto Shutdown to Conserve Battery Life
- Variable Step and Ramp Time in Seconds



Learn More about the 710:

- https://youtu.be/6KhufJI8nRc



Download the 710 Datasheet

Shop Fluke 710

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 209 and 210
Series Loop Calibrators

This rugged, easy to use loop calibrator is intuitive and ideal for troubleshooting your process loop.

- Accuracy to 0.01% of Reading
- Small and Rugged Handheld Design
- Measure, Source, or Simulate Loop Current
- Measure DCV
- Simultaneously mA and % Span Display
- Switch Functionality
- Selectable Ramp and Step Functions
- HART 250Ω Resistor with 24V Loop



Download the 209 and 210 Datasheet



ADT209 **ADT210**

Shop Additel 209 **Shop Additel 210**

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 705/707 and 709/709H
Process Loop and Precision Loop Calibrators

705/707

- Improved Accuracy of 0.015% (707)
- Simultaneous mA and % Readout
- 0.001 mA Resolution for mA Source, Simulate, and Measure
- Pushbutton 25% Steps for Fast, Easy Linearity Checks
- 0-100% “Span Check” for Fast Confirmation of Zero and Span
- Selectable Slow Ramp, Fast Ramp, and Step Ramp to Provide Smooth Outputs for Valve Slewing and Loop Functional Tests
- 24V Internal Loop Supply to Power and Read a Transmitter
- Measures Volts DC to 28V
- Innovative Output Adjustment Dial with 0.001 mA and 0.1 mA Resolution (707 Only)
- HART® Mode Connects 250Ω Resistor in Series with 24V Loop for Compatibility with HART® Communicators (707 Only)

709/709H

- Best-In-Class Accuracy at 0.01% Reading
- Small Rugged Design Operates on (6) Standard AAA Batteries
- Intuitive User Interface with Quick-Set Knob
- Built-in Selectable 250 Ω Resistor for HART® Communication
- 24 V DC Loop Power with mA Measure Mode (-25% to 125%)
- Resolution of 1 µA on mA Ranges and 1 mV on Voltages Ranges
- Simple Two-Wire Connection for all Measurements
- Auto Shutdown to Conserve Battery Life (Adjustable up to 30 Minutes)
- Variable Step & Ramp Time in Seconds
- Adjustable Span Selection (0 to 20 mA or 4 to 20 mA)
- Valve Test (Simulate Defined mA Values with % keys)
- Fast Transfer of Calibration Data. The 709H/Track Software/Cable Documents the Parameters of all the HART® Transmitters in your Plant in Either (.csv) or (.txt) Format
- Data Logging or Recording Data on a Particular Transmitter for Troubleshooting. The Data Log Tool Offers Selectable Capture Interval from 1 to 60 Seconds and a Logging Capacity of 9800 Records or 99 Individual Sessions. Each Data Sample Contains the 709H Measurement, all Four Process Variables, and the Standard Status Conditions

Affordable, compact loop calibrator and powerful HART® communication tool!



707

709H



Download the 705/707 Datasheet



Download the 709/709H Datasheet

Shop Fluke Loop Calibrators

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Druck DPI800 Series
Pressure Indicator/Loop Calibrators

The Druck DPI 800 and DPI 802 Series of Pressure Indicator/ Loop Calibrators is a complete range of advanced, robust and simple to use hand-held instruments. Highly cost effective, the Druck DPI-800 and DPI-802 are ideal for test/calibration of many popular process parameters.

- Highly Cost Effective, These Tools Are Ideal for Test/ Calibration of Many Popular Process Parameters
- Advanced Features and Technical Innovations Address More Applications in Less Time and Deliver Results You Can Rely On
- DPI 800 Pressure Indicator is the Ideal Pressure Measurement Tool
- Pressure Ranges from 25 mbar to 700 bar Including Vacuum Options
- All-Inclusive Accuracy Can be Relied On from One Year to the Next, Even in Tough Environmental Conditions
- Ranges from 25 mbar to 700 bar
- Single or Dual Range Configuration
- Pressure Test and Maintenance
- Transmitter Calibration
- Loop Set-Up and Diagnostics
- Switch Verification



DPI 802



Download the DPI 800 Series Datasheet

Shop Druck DPI800 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

PIE 334/334PLUS

Automated Milliamp Loop Calibrators

The Practical Instrument Electronics (PIE) Model 334/334 PLUS are state of the art, highly reliable, rugged and easy to use milliamp calibrators. They have the functions necessary to perform all the required maintenance and calibration tasks of virtually any 4-20mA loop.

- Calibrate Milliamp Instruments
- Source and Read 0.000 to 24.000 mA & -25.0 to 125.0% of 4-20 mA
- Read -99.99 to 99.99 V
- Read Loop Currents up to 52.000 mA
- Simulate 2-Wire Transmitter, Power & Read Transmitters
- Menu Selectable 250 Ohm Resistor for HART Compatibility
- Calibrate with Accuracy
- Source Mode Accurate to .025% of Span at 4&20 mA
- Easy-to-Read Backlit Display
- Locate Loop Current Leakages
- Current Leak Detection



334



334PLUS

Learn More about the 334/334PLUS:

- **https://youtu.be/07OsMNNiKNw?si=O2nCQfQcfQ9nx0wV**



Download the 334PLUS Datasheet

Shop PIE 334/334PLUS ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 771, 772 and 773
mA Process Clamp Meters

Don’t break the loop on 4-20 mA signal measurements and save time.

- Best-in-Class 0.2 % Accuracy
- 0.01 mA Resolution and Sensitivity
- Measure mA Signals for PLC and Control System Analog I/O
- Dual Backlit Display with Both mA Measurement and Percent of 4 to 20 mA Span
- Measurement Spotlight Illuminates Hard to See Wires in Dark Enclosures
- Detachable Clamp with Extension Cable for Measurements in Tight Locations
- Measure 4 to 20 mA Signals with In-Circuit Measurement (772/773)
- Simultaneous mA In-Circuit Measurement with 24V Loop Power for Powering and Testing Transmitters (772/773)
- Source 4 to 20 mA Signals for Testing Control System I/O or I/Ps (772/773)
- mA Output Linear Ramp or 25% Step Output (772/773)
- DC Voltage Measurement to Verify 24V Power Supplies or Voltage I/O Signals (773)
- Source DC Voltage to Test Input Devices that Accept a 1-5V or 0 to 10V Signals (773)
- Scaled mA Output Provides a Continuous mA Signal that Corresponds to the 4 to 20 mA Signal Measured by the mA Clamp (773)

Learn More about the 773:

- **https://youtu.be/RZDMgDY_Qno**



Download the 771 Datasheet



Download the 772 & 773 Datasheet

Shop Fluke Process Clamp Meters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

mtiinstruments By VITREK

MTI Instruments by Vitrek 1510A & 1520
Signal Simulators/Calibrators

Diagnose sensor signal integrity, test sensor driven systems or calibrate sensors using MTI Instruments' portable, high precision and ruggedly designed signal simulator.

- Portable and Rugged Design Includes Spill Proof Keyboard
- Provides Voltage and Frequency Signals with 0.05% Accuracy
- Features Two Independent Digital Synthesizers for Accurate and Independent Control of Signals
- Generates Sine, Square, Triangle or Sawtooth Waveforms for Vibration Signals. DC Signals Can be Generated as an Offset or as an Independent Output Signal. Timing Pulses with Variable Duty Cycles Can also be Synthesized
- Provides Charge Signals for Simulating the Signals from Accelerometers, and Voltage Signals for Simulating Signals from Velocity and Other Voltage Generating Sensors
- Produces Tachometer Generator Speed Signals as Well as Odd-Tooth Type Signals for Simulating All Types of Engine and Machinery Speed Signals
- The 1510A Allows Users to Slowly Vary Output Signal Parameters to Aid in Detecting "Sweet Spots" or Finding Critical Signal Values. The Sweep Function Allows Simulation of Machinery Startups and Shutdowns

Learn More about the 1510A:

· https://youtu.be/HDhEQKdMOvA



1510A

1520



Download the 1510A Datasheet

Shop MTI Instruments 1510A ❯



Download the 1520 Datasheet

Shop MTI Instruments 1520 ❯

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 715
mA/mV/V Process Calibrator

One instrument... Two functions! Combines volt and mA source/ read functions into one instrument, reducing acquisition and maintenance costs.

- Accuracy 0.01%
- 0.001 mA Resolution
- Source and Read 0–24 mA
- Source and Read 0–20 V or 0–200 mV
- Simulate Two-Wire Transmitters
- Built-In 24V Supply
- HART® Mode with 250Ω Resistor
- Output Ramp and Step Ramp that Corresponds to the 4 to 20 mA Signal Measured by the mA Clamp (773)



Download the 715 Datasheet



REGISTERED ISO 9000 MANUFACTURER

Shop Fluke 715

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 712B, 714B and 724
Temperature Calibrators

712B & 714B

- The 712B can Measure and Simulate 13 Different RTD Types and Resistance
- The 714B can Measure and Simulate 17 Different Thermocouple Types and Millivolts
- Measure 4 to 20 mA Signals While Simultaneously Sourcing a Temperature Signal
- Hanging Tool Designed in and Included with Every Unit
- Configurable 0% and 100% Source Settings for Quick 25% Linearity Checks
- Linear Ramp and 25% Step Auto Ramp Based on 0% & 100% Settings
- Dual Inputs and Backlit Display for Easy Interpretation of Measurements
- Power Down Settings Remembered at Power Up for Easy Restart of Tests
- 1-Year and 2-Year Specifications and Traceable Certificate of Calibration

724

- View Source and Measure Values Simultaneously on a Clear, Two-Channel Display
- Measures RTDs, Thermocouples, mA, Volts, and Ω to Test Sensors and Transmitters
- Sources/Simulates Seven RTDs, 10 Thermocouples, Volts and Ohms to Calibrate Transmitters
- RTD Source is Pulsed Excitation Compatible
- Performs Fast Linearity Tests with 25% and 100% Stepping
- Conducts Remote Tests with Auto-Step and Auto-Ramp Features
- Powers Transmitters Using Loop Supply with Simultaneous mA Measurement
- Store Frequently Used Test Setups for Later Use
- Backlight Lets You Work in Poor Light



712B 724 714B



Download the 712B & 714B Datasheet



Download the 724 Datasheet

Shop Fluke Temperature Calibrators

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/JOFRA ETC400R & ETC Series

Easy Temperature Calibrator Series

ETC Series

Possibly the fastest and lightest dry-block calibrator available – with the accuracy and control of a larger unit.

- Two Temperature Ranges and Four Models
- Cooling Unit with Three Predrilled Bores and Insert Tube
- Replaceable Insert Tube Adds Size Flexibility
- Heating Unit with Four Predrilled Bores
- Front Panel, One Key - One Function Operation
- Auto-Stepping – User Programmable
- RS232 and Software
- JOFRACAL – Download Routines and Results
- Each Unit Includes: Dry-Block, Power Cable, Conversion Tubes (Cooling Units), Insert Removal Tool (Cooling Units), Shoulder Strap, RS232 Cable, Software for Testing and Calibration, Reference and User's Manual and Manufacturer's NPL Traceable Certification.



ETC

ETC400R Infrared Calibrator

The 36 mm (1.4 in) target provides the optimum size for reliable calibration of infrared thermometers in the process industry.

- Easy to Use Temperature Calibrator
- Infrared Calibration Made Easy
- Accurate to ±0.4% Rdg ±1°C/±1.8°F
- Extensive Range
- Full Featured
- One Key – One Function Operation
- Large LCD with Icons
- Ample and Accessible Target Area
- RS-232 Communications and Software Supplied
- Each Unit Includes: Indicator, Carrying Case, Power Cord, RS232 Cable, Software for Testing and for Calibration of Temperature Calibrators, Reference and User's Manuals, and Manufacturer's Traceable Certification



ETC400R



Download the ETC Series Datasheet

Shop AMETEK/JOFRA ETC Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 4180/4181 & 9132/9133

Precision Infrared Calibrators & Portable IR Calibrators

4180/4181

- Temperature Range: –15°C to 500°C
- Big Six-Inch Target Accommodates All Manufacturers' Recommended Calibration Geometries
- Built-In Support for Fluke and Raytek 8-14 mm Infrared Thermometers
- First-of-its-Kind Thermometer Emissivity Matching
- Accredited Radiometric (Infrared) Calibration Reports

9132/9133

- Certify IR Pyrometers from –30° C to 500° C (–22° F to 932° F)
- Large 2.25" (57 mm) Black Body Target
- RTD Reference Well for High Precision
- Small, Compact Design
- The 9133 Now Comes with a Radiometric Calibration

Learn More about the 4180:

· **https://youtu.be/kOglzEAWsDU?si=KQv195G-Knkkx6Lq**





Download the 4180 & 4181 Datasheet



Download the 9132 & 9132 Datasheet

Shop Fluke Calibration Infrared Calibrators ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 9140

Mid-Range Field Dry Block Calibrator

Handheld dry block with built-in switch testing.

- Temperature Range of 95°F to 662°F (35°C to 350°C)
- Accuracy of ±0.5°C
- Interchangeable Inserts with 4.875" Immersion
- Heats to 350°C (662°F) in Only 12 Minutes



Download the Field Dry-Wells Datasheet



9140

9140-A model (shown with 3140-2 comparison block installed)



3140-3 comparison block

Shop Fluke Calibration 9140

Fluke Calibration 9100 Series
Hand-Held Dry Block Calibrators

You can calibrate temperature instrumentation in the field with the industry's first truly portable dry block calibrators.

Despite its small size (2-1/4 inches high and 5 inches wide) and light weight, the 9100S outperforms every dry-well in its class in the world. The 5853T and 5961T are lightweight, fit comfortably in your hand, and offer bench-style accuracy and resolution. Use them for quick checks of individual sensors or to determine total system error of probe and readout device.

- Two Models
- Ranges from 14°F up to 707°F (–10°C to 375°C)
- Fast Warm-Up and Cool-Down
- Calibrate and Check T/Cs, RTDs, Thermometers, Readout Devices
- Portable and Lightweight



9102S

5853T—Moderate Temperature

Features a range from 35° to 375°C and is available in three versions, one with six fixed-size wells, one with four, and one with two (non-removable), so you can calibrate just about any sensor.

5961T—Low Temperature

The smallest and one of the fastest cooled dry-block calibrators you'll find. Ranges from -10° to 122°C and includes two 1⁄2" wells that accept removable inserts down to 1⁄16".



Download the 9100 Series Datasheet



9100S-B

Shop Fluke Calibration 9100 Series

Fluke Calibration 9170, 9171, 9172, 9173
Metrology Wells

9170 Series Metrology Wells bring laboratory accuracy into the field.

Fluke Calibration has combined bath-level performance with dry-well functionality and legitimate reference thermometry to create Metrology Wells. New analog and digital control techniques provide stability as good as ±0.005°C. With dual-zone control, axial (or "vertical") uniformity is as good as ±0.02°C over a 60mm zone.

- Bath Performance with the Advantages of a Dry-Well
- Stability to ±0.005˚C
- Immersion Depth to 203mm (8in) Reduces Error from Stem Conduction
- Optional ITS-90 Reference Input Reads PRTs to ±0.006˚C Eliminating the Need for a Thermometer Readout
- Temperature Range from -45˚C to 700˚C



Download the 9170 Series Datasheet



9170

9171

Shop Fluke Calibration Metrology Wells

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 9103

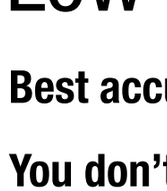
Low-Temperature Field Dry Block Calibrator

Best accuracy in this temperature range!

You don't have to choose between a precision (but bulky) lab dry-block and a compact (but lower-accuracy) field unit. You get the advantages of both, and the disadvantages of neither, with our 9103 from Fluke Calibration. Others have tried, but nobody makes a dry-block like this one.

The calibrator goes down to –13°F in typical room temperatures, even lower in cooler ambients; you don't need extra cooling accessories. With an upper limit of 284°F, it will likely meet most of your general-purpose applications. Excellent accuracy, stability, and uniformity make for reliable results; fast heating, cooling, and stabilization times increase productivity. You can easily switch between °F or °C display, and read either to 0.1 resolution.

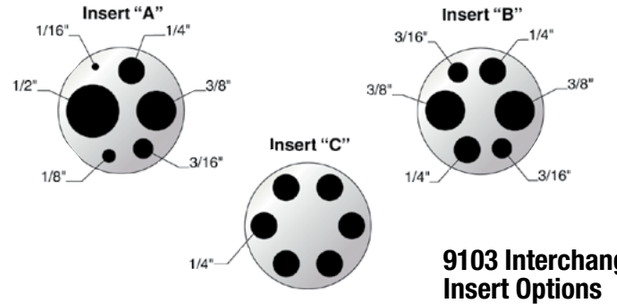
- Cools to –13°F (–25°C) or Lower
- ±0.25°C Accuracy, ±0.02°C Stability
- Interchangeable Multi-Hole Inserts
- Lightweight and Very Portable



Download the Field Dry-Wells Datasheet



9103-A



9103 Interchangeable Insert Options

Shop Fluke Calibration 9103

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

AMETEK®

AMETEK/JOFRA RTC Calibrators

RTC-168 Combination Temperature Calibrator

- A New Liquid Calibration System Results in an Extended Uniformity Zone - Ideal for Sanitary Sensor Calibration
- Large Flange Area Supports Calibration of Sensors with Flanges Up to 84 mm in Diameter
- New Removable Liquid Container Makes it Quick and Clean to Switch Between Dry-Block and Liquid Modes
- Transfer Fluids Using the Liquid Container - Screw on Lid with Relief Valve
- An Industry First Reverse Airflow System Pushes Hot Air Out of the Bottom Rather than the Top
- New IP68 Interchangeable Reference Sensor is Compatible with Both Wet and Dry Applications
- Total Heating Time from -22 to 155°C is Twice as Fast as Previous Models

RTC Series Dry Block Calibrators

- Stability to ±0.005°C
- Temperature Ranges from -100 to 700°C (-148° to 1292°F) with 7 Models
- Accuracy to ±0.04°C
- Resolution to 0.001°C or °F
- Three Models:
  A - Standard Unit
  B - with Front Panel Electrical Connections
  C - with External Reference
- Easy-to-Read Color Display with User-Friendly Navigation
- Patented DLC Technology for Increased Homogeneity and Loading Compensation
- External Reference Input for Higher Accuracy
- DLC and Reference Input with Intelligent Connectors – No Need to Manually Load Coefficients
- USB Connection with Included JOFRACAL Software
- Dual and Triple-Zone Heating Control

RTC159 Series Ultra-Cooler Dry Block Calibrators

- Widest Temperature Range: -100°C to 155°C / -148°F to 311°F at Ambient
- Three Models: A – Standard Unit, B – with Front Panel Electrical Connections and External Reference, and C - with External Reference
- Dual-Zone Heating Control: Maintains Temperature Homogeneity & Dynamic Load Compensation - DLC
- Fully Isolated and Maintenance-Free Cooling System
- MVI Circuitry - Supply Voltage Variations Do Not Affect Performance
- Resolution to 0.001°C or °F
- Save Time with Auto-Stepping Routines
- Switch Test – B Model
- Use of External Jofra STS Series Reference Probe: Can Control from the Probe Input, Improves Accuracy
- Front Panel, Menu Driven Operation, Full Color Graphic Display
- Direct Input of Any Sensor – B Model
- Set Follows True – Unit Functions Based on Reference Input – B Model
- Specially Designed for Low Pharmaceutical Temperatures
- New Service Center in California

RTC-168



Liquid Bath Kit 2

RTC159

RTC187

Shop AMETEK/JOFRA RTC Calibrators ❯

Fluke Calibration 9190A
Ultra-Cool Field Metrology Wells

Calibrate everything from –95°C to 140°C with one instrument, best in class stability, and without messy fluids.

The Fluke Calibration 9190A Ultra-Cool Field Metrology Well is the most accurate and stable, cold temperature dry-block on the market. It's ideal for applications that demand strict quality control and regulatory process compliance. These applications include on-location validation and calibration of RTDs, thermocouples, thermometers, and sensors used with process control equipment such as medical freezers, laboratory refrigerators, cold rooms, blood banks, sterilizers (autoclaves), and freeze dryers.

- Wide Temperature Range: –95°C to 140°C
- Best-In-Class Stability: ± 0.015°C Full Range
- Excellent Accuracy: ± 0.05°C with External Reference
- Fast Cooling Time: 23°C to –95°C in 90 Minutes
- Best Measurement Practices: Conforms to EURAMET cg-13 Guidance





Download the 9190A Datasheet

Shop Fluke Calibration 9190A

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 9142, 9143, 9144
Field Metrology Wells

Accuracy, portability, and speed for field calibration applications.

- Cool to -25°C in 15 Minutes and Heat to 660°C in 15 Minutes
- Accurate Temperature Measurements from -25°C to 660°C
- Specifications Guaranteed in an Ambient Range of 13°C to 33°C
- Operating Conditions of 0°C to 50°C
- Automated Calibration Routines
- On-Board Documentation
- Graphical Stability Indication Tells You When It's Stable
- Function Keys and Easy to Navigate Menus
- Pre-Programmed Calibration Routines
- One-Button Push to Set the Temperature
- Reference Readout Accepts“Plug-n-Play” Smart Connector



Download the 914X Series Datasheet

Learn More about Fluke Calibration Field Metrology Wells:

· **https://youtu.be/WsBrkA9yNJo?si=9fxdRQ9OAtKAOL41**





Shop Fluke Calibration Field Metrology Wells ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 878 Series
Reference Dry Well Calibrators

Additel's commitment to continuous improvement, quality and time saving features are on full display in the ADT878 series. With three models to choose from, ranging from -40 to 700°C, you will find the perfect fit for your calibration needs.

- Three Models Ranging from -40°C to 700°C
- Reference Level Performance in Accuracy, Stability and Uniformity
- Quick to Temperature
- Two-Channel Readout Measures RTDs and TCs, and Provides Task Documentation
- Full HART Communicator
- Optional External Temperature Control Wi-Fi and Bluetooth Capable
- Color Touch Screen Display
- Quick-Push Connectors (PC Option)
- Set Point Control by Reference
- Self-Calibration Feature
- Optional TPW Kit for Built-In Automatic Realization (ADT878-160 only)
- Built-in Automatic Annealing Feature (ADT878-700 only)

Learn More about the 878 Series:

- https://youtu.be/gkYtAQG04Co





Download the 878 Series Datasheet

Shop Additel 878 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 875 Series
Dry Well Calibrators

Combination of stability, radial and axial uniformity, and loading with speed, ruggedness and portability.

- Three Models Ranging from -40°C to 660°C
- Portable, Rugged, and Quick to Temperature
- Metrology-Level Performance in Stability, Uniformity Accuracy, and Loading Effect
- Process Calibrator Option Provides a Multi-Channel Readout for a Reference Thermometer, 2-Channel Readout for RTDs and TCs, loop Calibrator, Task Documentation, and Hart Communication
- Dual-Zone Control
- Color Touch Screen Display
- Choose Your Own Range Option
- Self-Calibration Feature



Learn More about the 875 Series:

· **https://youtu.be/otve1egvBrs**



Download the 875 Series Datasheet

Shop Additel 875 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 875-1210 and 878-1210
Thermocouple Calibration Furnaces

With two separate units to choose from, these furnaces include a patented multi-zone temperature control which provides a highly stable and uniform heat source to ensure you get the best possible results from a modest investment.

- Temperature Control from 100°C to 1210°C
- Two Models to Choose from: Reference (ADT878) and Standard (ADT875)
- Display Accuracy of ±1.5°C (ADT878)
- Stability of ±0.1°C
- 4 On-Board Measurement Channels (PC Option)
- Process Calibrator Option Provides a Multi-Channel Readout for TCs, Switches and Transmitters, Including Task Documentation and HART Communication
- Self-Calibration Feature (PC option)
- Metallic Interchangeable Inserts

Learn More about the 875-1210 and 878-1210:

- **https://youtu.be/ml_jEZEPsEc**



875-1210

Shop Additel 875-1210 and 878-1210

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 9011 & 9009
Dual Range Dry Block Calibrators

9011

Fluke Calibration's dual-well dry-block, Model 9011, has the widest temperature range of any block calibrator. Two independently controlled temperature wells allow two calibration runs to be performed simultaneously.

- Temperature Ranges - Low: –30°C to 140°C (–22°F to 284°F) - High: 50°C to 670°C (122°F to 1238°F)
- Operate Both Wells Simultaneously
- Two Independent Temperature Controllers (Hot and Cold Side)
- Stability to ±0.02°C
- Multi-Hole Wells for Calibrating up to Eight Probes Simultaneously

9009

This is a rugged industrial dry-well for calibrating industrial temperature sensors in the field. Count on Fluke Calibration to design the dual industrial dry-block calibrator for the toughest of applications when you need high and low temperature capability at the same time.

- Temperature Ranges Low: -15°C to 110°C; High: 50°C to 350°C
- Operate Both Wells Simultaneously
- Uses One Common Set of Inserts
- Quick Zero and Span Sensor Calibrations



9011

9009-B



Download the 9011 Datasheet



Download the 9009 Datasheet

Shop Fluke Calibration 9009

Shop Fluke Calibration 9011

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

AMETEK®

AMETEK/JOFRA CTC Series & PTC Series

Dry Block Calibrators

CTC Series

- **New**: Calibrate Long Sensors with CTC-652
- Temperature Range from -25 to 1205°C (-13 to 2201°F) with 6 Models
- Lightweight and Easy to Carry
- Accuracy to ± 0.2°C & Stability to ± 0.04°C
- Multi-Hole and/or Insert Kits
- Input for External Reference Sensor on C Models
- Fast Heating and Cooling
- Full Color, Multi-Informational Display
- Engineered Simplicity User Interface

PTC Series

- Easy to Use Interface
- Temperature Range from -90 to 660°C (-130 to 1220°F) with 5 Models
- Accuracy to ± 0.06°C and Stability to ± 0.01°C
- Resolution to 0.01°C or °F
- Easy to Read Color Display
- Active Dual Zone Heating Control
- Lightweight and Easy to Carry
- Multi-Hole and/or Insert Kits
- Inputs for Thermocouple Calibration

Learn More about the CTC Series:

- **https://youtu.be/GrLncxdtSPg?si=dgBP_2YeMww-UHus**



CTC Series



PTC Series



Download the CTC Series Datasheet



Download the PTC Series Datasheet

Shop AMETEK/JOFRA Dry Block Calibrators ›

Fluke Calibration 9118A & 9150

Thermocouple & Dry Block Calibration Furnaces

9118A

- Wide Temperature Range 300°C - 1200°C
- Automate Calibration of up to 40 Sensors at a Time Using the 9118A and 1586A Super-DAQ Together
- Operate as an Open-Ended Furnace or with an Isothermal Block
- Best-in-Class Temperature Stability and Radial / Axial Uniformity

9150

- Low-Cost Thermocouple Furnace
- Range 150°C to 1200°C
- Best Stability and Accuracy



Download the 9118A Brochure



Download the 9150 Datasheet

Learn More about the 9118A:

- **https://youtu.be/UQW66eV-J7U?si=hnH9FjVKlekqJsr0**

9118A

9150-A



9150 Interchangeable Insert Options

Shop Fluke Calibration 9118A

Shop Fluke Calibration 9150

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 850 Series

Laboratory Thermocouple Calibration Furnace

Thermocouple calibration work can be challenging. Here at Additel, we understand the difficulties of this type of work. Our new ADT850 Laboratory Thermocouple Calibration Furnace is packed with features and a performance you will not find anywhere else.

- Temperature Control from 300°C to 1200°C
- Stability of ±0.1°C
- Radial Uniformity of ±0.25°C @ 1200°C
- Axial Uniformity of ±0.25°C @ 1200°C
- Multi-Zone Temperature Control
- Quick Cool Technology
- Sliding Probe Holder Provides Mechanical Stability and Precise Probe Depth Control
- Pivoting Color Touchscreen Display
- Internal and External Probe Control
- Alumina and Metal Inserts Available
- Patent Pending EMF Shielding Technology
- Advanced Safety Control
- Wi-Fi Communications



Learn More about the 850 Series:

- **https://youtu.be/TqrtlnkuX4U**



Download the 850 Series Datasheet

Shop Additel 850 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 6109A/7109A
Portable Calibration Baths

The 6109A and 7109A Portable Calibration Baths let process industry professionals calibrate four times more sanitary sensors per batch in less time and with twice the accuracy of other baths in this class.

- Four Times More Calibration throughput with Twice the Accuracy of Micro-Baths and Dry-Block Calibrators
- Clean Room Compatible - Stainless Steel Casing Withstands Sterilizing Chemicals and is Rust Proof
- Calibrate Up to Four Tri-Clamp Sanitary Sensors at a Time
- Wide Temperature Range Covers Most Clean Process Applications:
  - 6109A: 35°C to 250°C
  - 7109A: –25°C to 140°C



Download the 6109A & 7109A Datasheet



6109A

7109A

Learn More about 6109A & 7109A:

- https://youtu.be/UQW66eV-J7U?si=5y4MiTmtorBt2ETI

Shop Fluke Calibration 6109A

Shop Fluke Calibration 7109A

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration Portable Calibration Baths

These micro-baths combine the small size and portability of a field dry-block with the flexibility of a bath.

These micro-baths combine the small size and portability of a field dry-block with the flexibility of a bath. They can go anywhere in your plant without a heavy cart. A sealing transport lid keeps the bath fluid from spilling.

If you haven't used a calibration bath before, you'll find they are more flexible than a dry-block. There's no need for changing inserts or having custom inserts designed. Almost any sensor you have will fit the 2" diameter stirred tank, and a bath by nature stabilizes faster than a dry block.

These units are microprocessor-controlled and can be programmed from the keypad to run ramp and soak profiles, as well as automated temperature switch tests. In switch test mode, the switch contacts are connected to the bath, and the temperature display will hold when the switch makes or breaks contact.



6102

7102

7103

- ±0.25°C Accuracy
- The World's Smallest Calibration Baths
- Three Ranges: 35°C to 200°C, –5°C to 125°C and Low Temperature –30°C to 125°C
- Stability to ±0.015°C
- Built-In Switch Test-Standard
- RS-232 Interface



Download the 6102, 7102 & 7103 Datasheet

Shop Fluke Calibration Portable Calibration Baths

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration Metrology Calibration Baths

Laboratory baths with metrology level performance.

Fluke Calibration has four metrology grade baths for your lab. These calibration baths maintain a temperature stability as good as ±0.005°C, and cover the range from –80°C to 300°C. Side by side, they take up less room than typical utility baths and can be easily moved around the lab or factory floor.

- Precision Baths in Four Ranges
- Highly Stable
- Very Accurate

Higher Temperature Applications

The small benchtop metrology bath 6330, has a range from 35°C to 300°C. Use this bath on a calibration bench or roll this bath around the lab or factory floor using its optional floor cart. With stability to ±0.005°C, this unit provides the capabilities that allow it to be called a metrology bath.

Calibrate at 0° and 100°C

Doing calibration work below ambient calls for the 7340 metrology bath. The 7340 provides –40° to 150°C and maintains a stability of ±0.005°C. There is also an optional cart for this models which allows it to be used on a bench or taken out to the factory floor for calibrating temperature devices. The cart includes a hinged front door and storage shelf for storing fluids, probes, and other calibration tools. You can calibrate your sensors at the two most popular industrial calibration points, (0°C and 100°C), at the highest performance level in a bath this size.

Cryogenic Applications

You won't find a colder bath in a more compact package. The –80°C metrology bath 7380 reaches –80°C in less than 130 minutes and maintains a stability of ±0.006°C. It's the first –80°C bath to deliver true metrology level performance. With sturdy built-in casters and a small footprint (only one foot by two feet), it fits anywhere in your lab. Its dual 1/4-HP compressors are so quiet that you may not realize the bath is running. Each bath ships from the factory individually tested showing actual stability and set-point accuracy.



7380-16

7340



Download the Metrology Calibration Baths Datasheet

Shop Fluke Calibration Metrology Calibration Baths

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 9210 & 5901B
Triple Point of Water Maintenance System

Affordable fixed-point calibrations made easy.

The triple point of water (TPW) (0.01°C) is one of the most important temperatures on the ITS-90. Unfortunately, realizing and maintaining triple point of water cells hasn't always been convenient or cost-effective. (Because ITS-90 calibrations require frequent measurements at the (TPW), and because the (TPW) is often used as a statistical check against the drift of a temperature standard.) Fluke Calibration's 9210, TPW Maintenance Apparatus, provides built-in programming for the simple supercool-and-shake realization and maintenance of our Model 5901B Mini TPW Cell. Simply insert the cell, enter the "freeze" mode through the front-panel buttons, have your morning cup of coffee, and when the 9210 audibly alerts you, remove the Mini TPW Cell and give it a shake to initiate freezing a portion of the water. Re-insert the cell, change the program mode to "maintain," and you've got 0.01°C for the rest of the day with uncertainty of only ±0.0005°C. Precision-machined thermal blocks can also be used to take advantage of the excellent stability and uniformity of the 9210 for performing comparison calibrations. Multi-hole and custom blocks are available with 7-inch depths.



Download the 5901B Datasheet



9210



5901B

Shop Fluke Calibration 9210 ›

Shop Fluke Calibration 5901B ›

NEW

Additel
Metrology Made Simple

Additel 762 and 762W Series
Automated Pressure Calibrators

The Additel 762 and 762W (water media) Automated Pressure Calibrators are unlike any other pressure calibrators on the market. These revolutionary products are a complete turnkey solution for automation of pressure calibration work up to 10,000 PSI.

- Automated Pressure Generation and Control to 10,000 PSI (700 Bar)
- Accuracy to 0.01%FS
- Dual-Range Manual or Auto Select
- Control Stability ≤ 0.005%FS
- Portable - Designed for Use in the Field and in the Lab
- Control by Optional External Pressure Modules
- Supports Two External Pressure Modules
- Wi-Fi, LAN, Bluetooth, USB and Ethernet Communication
- Full HART Field Communicator
- HART and PROFIBUS Communication
- Data Logging and Task Management

Learn More about the 762W Series:

- **https://youtu.be/c0Xvol4SMf0**



ADT762

ADT762W



Download the 762 Series Datasheet



Download the 762W Series Datasheet

Shop Additel Automated Pressure Calibrators

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/Crystal Engineering HPC Calibrators (40 and 50 Series)

HPC Calibrators (40 and 50 Series)

- Accuracy to 0.035% of Reading
- Advanced Simplicity "Non-Menu" Interface
- Store & Recall Previously Used Screens
- High Accuracy Thermometer

HPC40 Series

- Gauge, Absolute, and Differential Pressure to 15,000 psi
- Measure & Source mA with External Loop Power or Internal 24 VDC Power Supply
- Flexible Power Options Including Recharging Batteries While Connected to USB
- Compatible with APM CPF External Pressure Modules
- Each Unit Includes: Traceable Calibration Certificate with Data at Five Temperatures, 4 x AA Batteries, 1/4" NPT Adapter, Protective Boot, Test Leads with Red and Black Clips, Velcro Strap, and Mini-USB Cable

HPC50 Series

- Gauge, Absolute, and Differential Pressure to 10,000 psi
- Intrinsically Safe
- Compatible with Intrinsically Safe External Pressure (APMi) and Temperature (ATMi) Modules
- Each Unit Includes: ISO 17025 Accredited Calibration Certificate, NIST Traceable, 3 x AA Batteries, Your Choice of Adapters (1/4" NPT, 1/4" BSP, or 1/4" M20), Protective Boot—Required for Intrinsic Safety, Test Leads, Red and Black with Clips, Velcro Strap, Mini-USB Cable

Learn More about the HPC50 Series:

- **https://youtu.be/cGDLnMr7JQM?si=uULQDI1Xpwu6LFO1**



HPC50

HPC40

Download the HPC40 Series Datasheet

Download the HPC50 Series Datasheet

Shop AMETEK/Crystal Engineering HPC40 Series

Shop AMETEK/Crystal Engineering HPC50 Series

Fluke 717/718/718Ex/719/721/721Ex & 719PRO
Pressure Calibrators

Talk to us about this wide range of pressure calibration tools with precision pressure measurement from 15 PSI/1bar to 10,000 PSI/690bar boasting 0.025% full-scale accuracy. Everything from simple test gauges to calibrators with built in electric test pumps. Easy-to-use, rugged and reliable construction and an industry best 3-year warranty.

Take the pressure off, with Fluke.



Download the 717 & 718 Datasheet



Download the 718EX Datasheet



Download the 721 & 721EX Datasheet



Download the 719 Datasheet



Download the 719PRO Datasheet

Learn More about Fluke Pressure Calibrators:

- https://youtu.be/KHLhOggXApc



Shop Fluke Pressure Calibrators

Additel
Metrology Made Simple

Additel ADT760
Handheld Automatic Pressure Calibrator

This small calibrator utilizes a built-in pump, state-of-the-art sensor technology, and precision control to generate the desired pressures all with a touch of a button.

- Fully Automatic Calibrator with Built-in Pump and Controller
- Switchable Internal Pressure Modules for Expandable Ranges
- Accuracy (1 Year) of 0.02% FS
- External Pressure Modules Available (Measure Only)
- Less than 5 lbs for Handheld Operation
- Source Pressure, Measure Pressure and Electrical
- 4 Channels
- Optional HART Communications
- Optional Datalogging and Task Documentation Features
- USB, Wi-Fi, and Bluetooth Communications



Learn More about the ADT760:

- **https://youtu.be/q_SVahp88-U**



Download the ADT760 Datasheet

Shop Additel ADT760

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 761A Series
Automated Pressure Calibrators

The ADT761A has many improvements: increased pressure range to 1,000 psi (70 bar), two removable internal pressure modules, optional precision models to 0.01%FS, increased speed to pressure, touch screen display, Wi-Fi, Bluetooth, and Ethernet communications, double the original battery life, and more!

- Automated and Self-Contained Pressure Generation & Control to 1,000 psi (70 bar)
- Standard Accuracy to 0.02%FS
- Two Removable Internal Pressure Modules for Multi-Range Selection
- Control Stability to 0.003%FS
- Portable, Designed for Use in the Field and in the Lab
- Ability to Measure Two External Pressure Modules
- HART Communicator and Profibus Communication
- Data Logging and Task Management
- Patented Electric Pump Technology and Improved Speed

Learn More about the 761A Series:

- **https://youtu.be/BLtM4Kn_apM**





Download the 761A Series Datasheet

Shop Additel 761A Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 673

Advanced Digital Pressure Calibrators

Additel's 673 Advanced Digital Pressure Calibrators will redefine the way you want to measure and calibrate pressure readings and devices!

- Pressure Ranges Up to 60,000 psi (4,200 bar)
- 0.02%, 0.05% FS or 0.1% RD Accuracy
- Color Touchscreen Display
- Every Model Measures Gauge or Absolute Pressure
- Built-in Barometer
- Intuitive Smartphone Like Interface
- Bluetooth and USB Communication
- Wi-Fi (Optional)
- Measure mA or V, and with 24V Loop Power
- Full HART Field Communicator (Optional)
- Data Logging
- Communicates with Additel's Link Mobile App

Learn More



Learn More about the 673:

- **https://youtu.be/TIzSw-kealU**



Download the 673 Datasheet

Shop Additel 673

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston Instruments
Pressure Calibration Specialists

Ralston FieldLab
Pressure Calibrator

The first Intrinsically safe laboratory grade pressure reference made to work like you do – no matter where you do it.

- Configurable Test Modes give Users Prompts on what Pressure Test Points to Measure
- Continuous Pressure Testing with up to 2 Million Points Onboard Storage
- Includes Free FieldLab Desktop PC Software
- Rechargeable Battery Life: 2 Months/Single Charge
- Min/Max Feature is Excellent for Doing PSV Tests
- Class 1 Division 1 Intrinsically Safe
- ATEX and IECEx Zone 0 and CE Approved



Download the FieldLab Brochure



FLP1

Learn More about the FieldLab:

- https://www.youtube.com/watch?v=Yd8D2ls2L3E

IS Intrinsically Safe

Shop Ralston FieldLab

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Druck

a Baker Hughes business

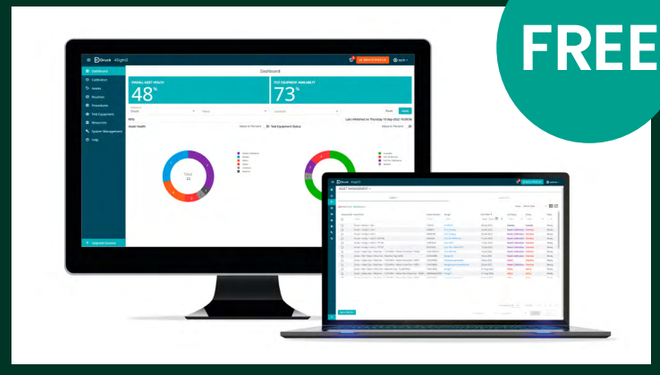
4Sight2 is the next generation calibration and asset management software

With full visibility of all your assets, reference standards and resources on your plant, it allows you to simplify and optimise your calibration processes.





+



FREE

A free licence of 4Sight Lite is offered with every purchase of a Druck documenting portable calibrator (DPI610E, DPI611, DPI612 and DPI620 GENII). Automate your calibration process, print calibration certificates and benefit from a combined software + hardware solution

Visit **druck.com/4Sight2** for more information

NEW

Druck
a Baker Hughes business

Druck PV624
Portable Hybrid Pressure Controller

The PV624 is a portable hybrid pressure controller base station for the DPI620G that combines the advantages of manual pressure generation with fully automatic pressure generation and control.

- In-the-field Pressure Range Selection from the GENii PM620/PM620T Pressure Module Family
- In-built Barometer to Enable Accurate Pseudo Pressure Measurements
- Hybrid Pressure Generation and Control from -0.9barg (-13psig) to 20barg (300psig)
- Automatic Selection of Manual Pressure Generation, Automatic Pressure Generation or Pressure Venting with Large Test Volume Capability
- Fully Automatic Pressure Generation and Control to Accurately Maintain Setpoint
- Minimise In-the-field Leaks with Quick-fit Pressure Adapters
- Physical or *Bluetooth® Wireless Connection to a DPI620G Electrical Calibrator
- In-the-field Rechargeable Battery Pack Replacement
- Autonomous Calibration Wizard to Store



Learn More about the PV624:

- **https://youtu.be/QTpGhIPDwoo**



Download the PV624 Datasheet

Shop Druck PV624

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Druck
a Baker Hughes business

Druck DPI611
Pneumatic Pressure Calibrators

The 4th generation dedicated pressure calibrator that combines pressure generation, signal measurement, and loop power in one robust, hand held and easy-to-use instrument. Best-in-class accuracy, simple to use touchscreen and fast acting, it takes the original 'Druck' to the next level in pressure calibration and measurement.

- Accuracy: ±0.0185% Full Scale
- Built-in Pump Generates Vacuum to -28.5 inHg and Pressure to 300 PSI
- Generate Maximum Pressure in Less Than 30 Seconds (Connected to 3' Hose)
- Fully Documenting - Automated Calibration Procedures; PASS/FAIL Error Analysis
- Full Color Touch Screen Display Can Show Up to 4 Readings Simultaneously (Expand Pressure Ranges Via External IDOS Sensor Modules)
- Multi-Channel Data Logging
- Source and Measure 4-20mA (Electrical Accuracy from 0.015% of Reading)
- 24V Loop Power Supply



4Sight2 Lite Included for Free!

Learn More about the DPI611:

- https://youtu.be/UI3Lg2vfDU4

Download the DPI611 Datasheet

Shop Druck DPI611 ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

NEW

Druck
a Baker Hughes business

Druck DPI610E Series
Handheld Pressure Calibrator

The DPI610E is the latest addition to Druck's proven DPI600 Series. Druck's new pressure calibrator combines effortless pressure measurement and generation, signal measurement and loop power with significantly improved pump capabilities and a powerful touch and button user interface.

- Vacuum to 35 bar/500 psi/3.5 MPa Pneumatic Pressures with In-built Barometer for Accurate Pseudo Pressure Measurements
- Up to 1000 bar/15000 psi/100 MPa Hydraulic Pressures
- An Internal Barometer with Barometer Port for Easy Calibration
- Plug and Play External Pressure and Temperature Sensors
- Quick Fit Process Connectors (Included Dirt/ Moisture Trap) Hand Tight up to 1000 bar
- Hazardous and Safe Area Versions Available
- A Fast Response Touchscreen Display with a High Contrast, Backlit Display



Learn More about the DPI610E Series:

- **https://youtu.be/GGyncP197rA**



Download the DPI610E Series Datasheet

Shop Druck DPI610E Series ❯

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

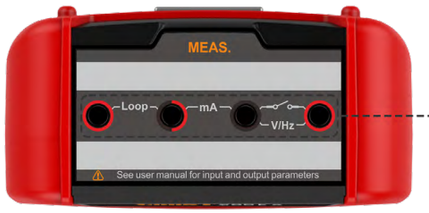
Additel 273Ex

Intrinsically Safe Handheld Pressure Calibrator

Additel's 273Ex is a robust handheld pressure calibrator with lots of flexibility and time saving built-in features that help to make process calibration work easy!

- 0.02%, 0.05% FS Accuracy
- Intrinsically Safe
- 2 External Pressure Module Ports
- Field Switchable Pressure Module
- Color Touchscreen Display
- Quick Test Task Feature
- Built-in Barometer
- Intuitive Smartphone Like Interface
- Bluetooth and USB Communication
- HART Communications (Optional)
- Communicates with Additel's Link Mobile App





Electrical Measurement Channels

Learn More about the 273Ex:

- https://youtu.be/K9CeQ5v_HSE



Download the 273Ex Datasheet

Shop Additel 273Ex

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/Crystal Engineering APM CPF, APMi & ATMi
Pressure & Temperature Modules

APM CPF Pressure Modules

The Crystal APM CPF Series pressure modules, with integrated CPF female connection, offer the functionality and flexibility to perform pressure calibrations with the JOFRA ASC-400 multi-function handheld calibrator and the Crystal HPC40 Series of handheld pressure calibrators.

- 7 Ranges Available to 15,000 PSI - 3 Models Calibrated for Vacuum
- Self-Contained, Intelligent Module - No Need to Calibrate the Module to an Indicator
- Accuracies to ±0.025% Rdg with Active Temperature Compensation from -20°C to 50°C



APM CPF

APMi Pressure Modules

The APMi intrinsically safe pressure modules offer the functionality and flexibility to read up to 4 pressure inputs with a single HPC50 calibrator.

- Accuracy to 0.035% of Reading
- Integrated CPF Connection
- Seven Ranges up to 10,000 psi Available
- Rugged Cast Aluminum Housing



APMi

ATMi Temperature Modules

The ATMi intrinsically safe temperature modules offer the functionality and flexibility to read up to 2 temperature inputs with a single HPC50 calibrator.

- Accuracy to 0.015% of Reading
- Connects with Jofra Temperature Sensors
- Rugged Machined Stainless Steel Housing



Download the APMi Series Datasheet



Download the ATMi Series Datasheet

Shop AMETEK/Crystal Engineering Pressure & Temperature Modules ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel
Metrology Made Simple

Additel 161/161Ex
Intelligent Digital Pressure Modules

With advanced microprocessor technology and state-of-the-art silicon pressure sensors, Additel's 161 and 161Ex series Digital Pressure Modules provide an accurate, reliable, and economic solution for wide range of pressure applications.

- Pressure Ranges to 60,000 psi (4,200 bar)
- Absolute Pressure Measurement Accuracy of 0.1% FS
- Pressure Measurement Accuracy of 0.02% FS
- Precision Accuracy to 0.01% RD, 0.05% Accuracy Up to 40K psi
- Intrinsically Safe (Ex) Models Available
- Fully Temperature Compensated Accuracy
- Advanced Temperature Compensation
- ISO 17025 Accredited Calibration and Data Included



Download the 161/161Ex Datasheet



ADT161Ex



ADT161

Shop Additel Intelligent Digital Pressure Modules

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Druck DPI 705E Series
Handheld Pressure Indicators

Compact and robust, the DPI 705E Series is designed for single handed operation and provides many essential features required for routine maintenance and system troubleshooting.

- 48 Pressure Ranges from ±25 mbar to 1,400 bar (±1.69 psi to 20,000 psi / 2.5 KPa to 140 MPa)
- Gauge, Absolute, and Differential Choices
- 19 Programmable Pressure Units such as psi, inH2O, bar, inHg
- Total 1 Year Uncertainty Down to 0.05% Full Scale (FS) Over Temperature Range of -10°C to +50°C
- Integral Calibration Record with Calibration Due Count-Down Display
- Rugged, Handheld Design with Backlit High-Contrast Display
- Leak Test, Tare, Maximum/Minimum and Filter
- Hazardous Area (Intrinsically Safe) Version Available
- Optional Remote RTD Temperature Sensors



Available

PM 700E External Remote Pressure Sensors

Any number of remote sensors can be used with a single DPI 705E as all sensors hold their own calibration data and are supplied with a 2.9m (9.5 feet) cable.



DPI 705E IS

DPI 705E

Available



Download the DPI 705E Series Datasheet

Shop Druck DPI 705E Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Druck PACE1000
Precision Pressure Indicator

PACE1000 employs digitally characterized pressure sensors which offer the quality, stability, higher bandwidth and precision associated with this latest generation of piezo-resistive and resonant devices.

- Can Accommodate Specification and Budget Requirements
- Single or Multiple Pressure Range Configurations
- Data Logging as Standard
- Color Touch Screen Display
- Displays in a Text or Graph Format, Data Can be Logged Over a Customized Time Period
- Up to Three Pressures Displayed Simultaneously
- Pressure Ranges up to 1000 bar (14500 psi/100 MPa)
- Choice of Precision up to 0.005% FS
- Long-Term Stability up to 0.01% Rdg per annum
- Barometric Reference Option
- Negative Gauge Calibration Included as Standard
- Selectable Graphical Display
- High Resolution Touch Screen Operation
- Intuitive Icon Driven Menu Structure
- Switch Test/Analogue Output & Switch Test/Volt Free Contact Option
- RS232, IEEE Connectivity, Ethernet and USB as Standard
- Aeronautical Option
- Leak Test Option
- Min/Max/Average Display
- Compatible with Software Packages
- 28 Selectable Pressure Units Plus 4 User Defined Units





Download the PACE1000 Datasheet

Shop Druck PACE1000

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 7XX Series
Pressure Controllers/Generators

These modular pressure controllers combine cutting-edge control/measurement technology, modular design, and user-friendly features.

- Pressure Ranges from -380 inH2O (-0.95 bar) to 15,000 psi (1,000 bar)
- Ultra-High Speed Pressure Generation and Control
- Removable Internal Pressure Modules
- 0.02%FS Accuracy (773)
- 0.02% FS, 0.1% FS, and 0.011% RD Accuracies Available (783)
- Accuracy of 0.02%FS, 0.01%FS or 0.01%RD (793)
- Control Stability of 0.003%FS (773 and 783) and 0.005%FS (793)
- Oil and Water Versions Available
- Optional Barometric Pressure Module
- Large 7" Color Touch Screen Display
- Easy-to-Use Icon Driven Interface
- Modular Design for Easy Maintenance, Greatly Reducing On-Site Downtime

Learn More about the 7XX Series:

· https://youtu.be/woQSIq2MDzg

NEW

Additel
Metrology Made Simple

ADT773



ADT783



ADT151 Digital Pressure Module



ADT793

Download the 773 Datasheet

Download the 783 Datasheet

Download the 793 Datasheet

Download the 151 Datasheet

Shop Additel 7XX Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston Instruments
Pressure Calibration Specialists

Ralston QTVC-EN ControlPak and NPAK-TRS0

Manual Pressure Controllers and High Pressure Dirt/Moisture Trap

QTVC-EN ControlPak Manual Pressure Controllers

- Portable - Comes in a Tactical Case that Protects it From the Elements and Makes it Easy to Transport to Any Test Site
- Precise - The Pressure-Balanced Fine Adjustment Piston Allows for Fingertip Control of Pressure from 0.03 psi (200 kPa) to 3000 psi (20 MPa), with Soft-Seated Valves for Precise Filling and Venting
- Efficient - Grab it Out of Your Truck, Connect it to a Tank of Compressed Gas, and Start Calibrating Right at the Site of Your DUT. The ControlPak was Designed for Durability, Stability, and Ease of Use in the Field
- The ControlPak Gives You Solid, Stable Pressure and Exceptional Control Over Compressed Gas Directly at the Point of Use

NPAK-TRS0 High Pressure Dirt/Moisture Trap

- High Pressure (3,000 PSI / 210 bar) is Ideal for Pneumatic Systems
- Large Volume Trap Requires Little Maintenance
- Quick-Release Lid Allows for Easy Cleaning of Dirt or Liquid without Tools
- Inlet and Outlet Connections Compatible with any NPT Connection or Transcat 5854P

Learn More about the QTVC-EN ControlPak:

- **https://www.youtube.com/watch?v=XYSvscWKGWI&t=4s**



QTCV-EN

NPAK-TRS0-2MS0-2FSA





Download the QTVC-EN ControlPak Brochure

Shop Ralston NPAK-TRS0 ›

Shop Ralston QTVC-EN ControlPak ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 12X Series
Pressure Manifolds

The 12X series pressure manifolds are designed for expanding pressure test ports during pressure calibration.

- Additel 121 Pressure Manifolds are Used for Pneumatic Pressure Calibration up to 3,000 PSI (200 bar)
- Additel 123 Manifolds are Compatible to Hydraulic Pressure Applications up to 15,000 PSI (1000 bar)
- A Filter is Built-In with the 121 Pneumatic Pressure Manifolds to Prevent Contamination Introduced by Devices Under Test (DUT)
- There are Four Hand-Tight Quick Connectors Pre-Installed on Each Manifold
- Additel 12X Series Pressure Manifolds Allow You to Connect Without the Use of Wrenches or Teflon Tape



ADT121



ADT123

Learn More about the 12X Series:

- **https://youtu.be/NHA9_TsybdQ**



Download the 12X Series Datasheet

Shop Additel 12X Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston Instruments
Pressure Calibration Specialists

Ralston Benchtop Quick-Test XT
Benchtop Manifolds

Ideal for testing multiple pressure instruments at once up to 10,000 PSI (700 bar).

- Test Pressure Instruments up to 5,000 PSI (350 bar) or 10,000 PSI (700 bar) - Model Dependent
- Quick-Test XT Ports: Allow You to Switch Between Process Connection Sizes and Types All Without a Wrench
- Available in 2 and 4 Port Versions
- Calibrate a Large Quantity of Pressure Sensors, Transducers or Pressure Gauges in an Environmental Chamber
- You Can Connect Multiple Manifolds Together Using Quick-Test Hoses



MF2S-XF-XM-PL





MF4S-QM-QM-PL



Download the Benchtop Manifolds Brochure

Shop Ralston Benchtop Manifolds ❯

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston QTVC and XREG
Pressure Calibration Volume Controllers and Pressure Regulation Kit



QTVC

XREG Pressure Regulation Kit

- Unique Quick-Connect CGA 580 Connection Allows You to Quickly Attach or Remove the Regulator from a Compressed Nitrogen Cylinder
- Piston-Sensed Regulator Provides a Stable Pressure for Use by Ralston Calibration Manifolds or Volume Controllers
- Anodized Aluminum Construction is Both Light and Durable
- Comes with Two Pressure Gauges and an Outlet Connection Compatible with Transcat 5854P Hoses (Gauges are for Reference Only and Are Not Calibrated)

QTVC Pressure Calibration Volume Controllers

- Proprietary Pressure Balanced Fine Adjustment Piston Allows for Extremely Precise, Finger-Tip Control of Pressure at 0.03 PSI (2 mbar) or 3,000 PSI (210 bar) or any Range in Between
- Fine Adjust Piston, Fill, Balance and Vent Valves are in One Light Weight, Compact Unit
- Includes Handle, Transcat 5854P Outlet Connections, Hoses and Adapters



XREG

Learn More about the QTVC:

- **https://www.youtube.com/watch?v=Yd8D2ls2L3E**



Download the Volume Controllers Brochure

Shop Ralston Compressed Gas Controllers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration Pressurements Pneumatic Vacuum/Pressure Deadweight Testers

Compact design, simple to use and offers 0.015% accuracy as standard. Is also available with optional 0.008% accuracy with the PressCal software add-on.

The piston/cylinder deadweight tester is a stable and accurate pressure measurement making it ideal for critical calibrations. The optional vacuum/pressure pump will draw approximately 27 ”Hg in the vacuum mode. Applications requiring more than this should use an external vacuum source. In the pressure mode, this pump will generate 300 psi.



- Vacuum Model to 30 "Hg
- Combination Vacuum/Pressure Models to 500 psi
- Pressure Ranges to 2,000 psi
- 0.015% Rdg Accuracy Standard, 0.008% Available (Accuracy Only Valid from 10%-100% of the Piston Range)

3022-7

Learn More about Fluke Calibration Deadweight Testers:

- **https://youtu.be/hh_Z3w2OjNo?si=saZCGnolQjV-3VEB**



Download the Vacuum/Pressure Deadweight Testers Datasheet

Shop Fluke Calibration Pneumatic Vacuum/Pressure Deadweight Testers ›

Fluke Calibration Pressurements Hydraulic Deadweight Testers

Accuracy better than 0.015% of reading. 0.008% of reading available.

- Oil or Water Operated Models
- Ranges to 10,000 psi
- 0.015% of Reading Accuracy Standard (0.008% Available) (Accuracy Only Valid from 10%-100% of the Piston Range)
- ISO 17025 Accredited Calibration
- Built-In Priming Pumps Standard
- Single or Dual Piston

This Series Features Several Upgrades to this Extremely Popular Line of Primary Pressure Standards:

- Piston Design for Improved Stability and Sensitivity
- High Quality Screw Press for Precise Pressure Adjustments
- Acrylic Reservoir Provides Visibility of Fluid Level and Quality
- Case Design with Built-In Drain Plug for Removal of Old Fluid
- Superior Quality Case for Weight Masses



3123-3

Learn More about Fluke Calibration Hydraulic Deadweight Testers:

- https://youtu.be/IRaWT4BtBpg?si=6spxZcG3FJVhhIqK



Download the Hydraulic Deadweight Testers Datasheet

Shop Fluke Calibration Hydraulic Deadweight Testers ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/M&G HydraLite, PK II, and RK
Hydraulic & Portable Pneumatic Deadweight Testers

HydraLite

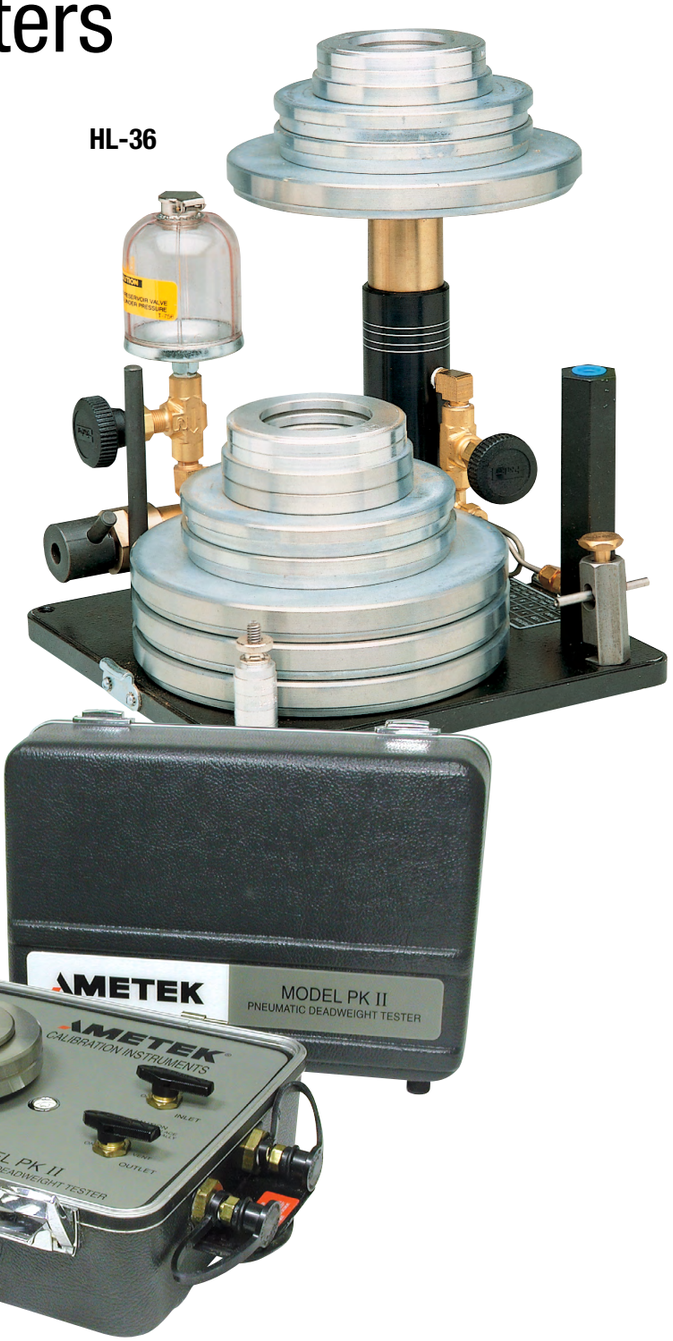
A primary standard that features a re-entrant type measuring piston and cylinder assembly that helps maintain accuracy as the test pressure increases.

- Hand-Actuated, Screw-Type Hydraulic Pump
- Ratcheting Handle Allows Easy Pressure Control
- Standard Accuracy ±0.10% of Reading
- Available Accuracies ±0.05% of Reading
- 300 Series SS, Brass, and Aluminum Construction
- Other Ranges and Metric Models Available
- AAA Tester Oil Media

PK II and RK

Self-regulating ball type deadweight testers that provide stable pressure at output.

- No Need to Adjust Input Pressure
- Ceramic Ball Acts as Flow and Pressure Relief
- Add or Remove SS Weights to Adjust Output
- Standard Accuracy to ±0.05% of Reading
- Optional Accuracies to ±0.015% of Reading
- Local Gravity Calibration Available
- Most Models Self-Contained in Single Case – Including Weights
- Choice of Engineering Units - PSI, bar, kPa, kg/cm2, inH2O, cmH2O, inHg, mmHg



HL-36

PK II



Download the HydraLite Datasheet



Download the PKII Datasheet

Shop AMETEK HydraLite ›

Shop AMETEK/M&G PK II and RK ›

AMETEK/M&G
Type T Hydraulic Deadweight Testers

Type T Hydraulic Deadweight Testers, Dual Column

These dual column testers allow instant range changes—no need to change pistons.

Dual column testers offer fast range changes. This series of dual column deadweight testers provides NIST traceable pressure standards for gauges, indicators, and recorders. The testers are easy to set up and use and are ideal for both laboratory and field applications.

These units feature separate columns for high and low pressure measuring piston/cylinder assemblies. You can change ranges quickly using a built-in crossover valve rather than a piston change on single column models. The dual volume pump delivers high pressures with minimum effort.

- Three Models Cover Most-Popular Ranges
- Accurate to ±0.100% of Indicated Pressure
- Available Accuracies to ±0.015% of Reading
- Other Ranges and Metric Models Available

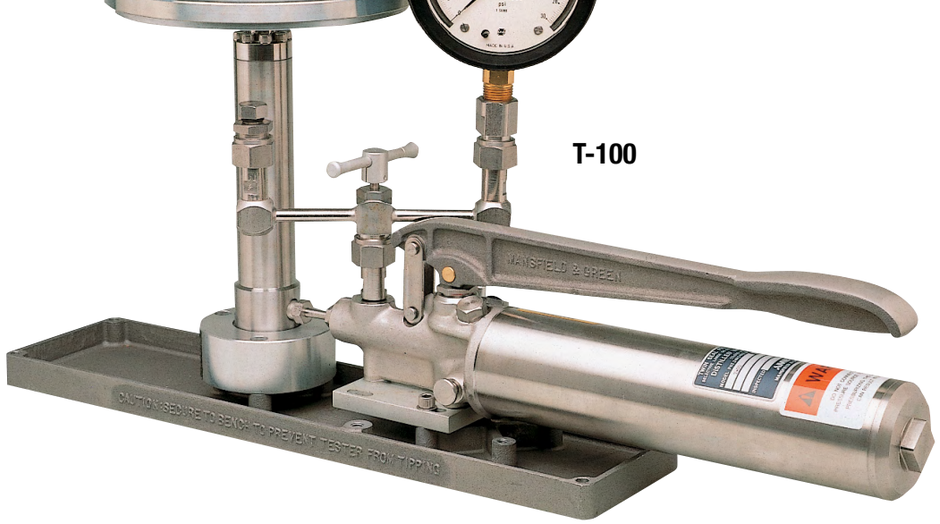


DM-T-100
You can change ranges quickly

Type T Hydraulic Deadweight Testers

This robust tester has been engineered to withstand the stresses of daily operation in a manufacturing environment and still maintain its accuracy and repeatability.

- Hand-Actuated, Dual Volume Hydraulic Pump
- Standard Accuracy to ±0.10% of Reading
- Available Accuracies to ±0.015% of Reading
- Water or AAA Tester Oil Media – Others can be Used
- Other Ranges and Metric Models Available
- Engineered for Lab or Field Use – Proven Use in 24/7 Production Environment



T-100



Download the Type T Hydraulic Deadweight Testers Datasheet

Shop AMETEK/M&G Type T Hydraulic Deadweight Testers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration E-DWT-H
Electronic Deadweight Tester Kits

Hydraulic deadweight tester performance with digital measurement convenience and simplicity.

- 0.02% Reading Total Uncertainty for 1 year (0.025% of Reading for 2 Year Calibration Interval)
- No Weights to Load and Unload or Regularly Send Out for Calibration
- No Need to Know and Correct for Local Gravity or Ambient Temperature
- On-Board, Autotest Calibration Routines and Data Acquisition
- Interfaceable with a PC or Laptop to Allow for Automated Data Acquisition
- Not Sensitive to Level or Vibration
- COMPASS Compatible for Pressure Software
- No Piston-Cylinder Changes; Switch Q-RPT Ranges in Seconds
- No Minimum Increment Limited by Smallest Available Masses
- Operates in any Unit of Measure
- Included: (M20 X 1.5, M14 X 1.5, 1/8, ¼, 3/8, ½ NPT and BSP). Adapters Provide Hand Tight Connection of DUT (Rated To 20,000 PSI)
- Extended Range Versions Include Low & High Range Q-RPT Pressure Sensors, Allowing for Extreme Flexibility



Learn More about the E-DWT-H:

- https://youtu.be/HBh8lhviwoU?si=33dPV3HqudZlylhp



Download the E-DWT-H Datasheet

Shop Fluke Calibration E-DWT-H ❯

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration P5500 Series

Pressurements Hydraulic & Pneumatic Comparison Test Pumps

P5515

- Built-in Pump for Large Volume Applications and System Priming
- High Quality Screw Press for Fine Pressure Control
- Acrylic Reservoir for Visibility of Fluid Level and Quality
- Test Port Adapters that Require No PTFE Tape or Wrenches
- Built-In Drain Plug for Removal of Old Fluid
- Sturdy Carrying Case with Lid
- Operational with a Wide Range of Fluids

P5514

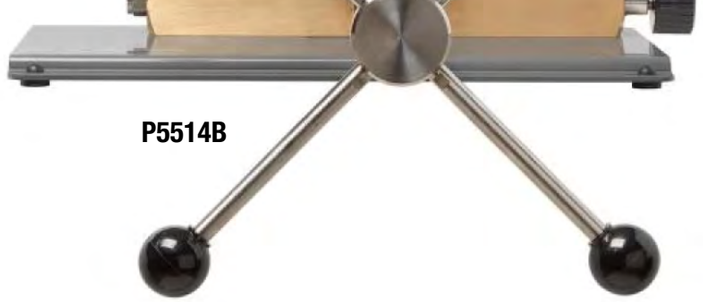
- Bench Mount Design
- Screw Press for Fine Pressure Adjustments
- Test Connections can be Made without the Need for PTFE Tape or Wrenches
- Operates with a Wide Range of Fluids

P5510

- Dual Pressure/Vacuum Capability
- Bench Mount Design
- Built-In Hand Pump as Pressure/Vacuum Source
- High Quality Needle Valve for Fine Control
- Test Port Adapters that Require No PTFE Tape or Wrenches



P5515



P5514B



P5510



Download the P5500 Series Datasheet

Shop Fluke Calibration P5500 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/Crystal Engineering GaugeCalHP & AMETEK/M&G T-3/T-3A

Pressure & Gauge Comparators

GaugeCalHP

Fast, portable, low cost, easy to operate pressure generator!

- Performance: Generate Hydraulic Pressures up to 15,000 PSI / 1000 bar
- Portable: Can be Mounted just about Anywhere, and Easily Moved from One Location to Another
- Quality Fittings: Uses Crystal's Revolutionary CPF Leak Free Fitting and Hose System
- Easy-to-Operate: Less Force is Required to Operate. Use the Fine Adjust for More Precise Control
- Low Cost: Cost Much Less than Deadweight Testers and Automated Pressure Controllers

T-3/T-3A

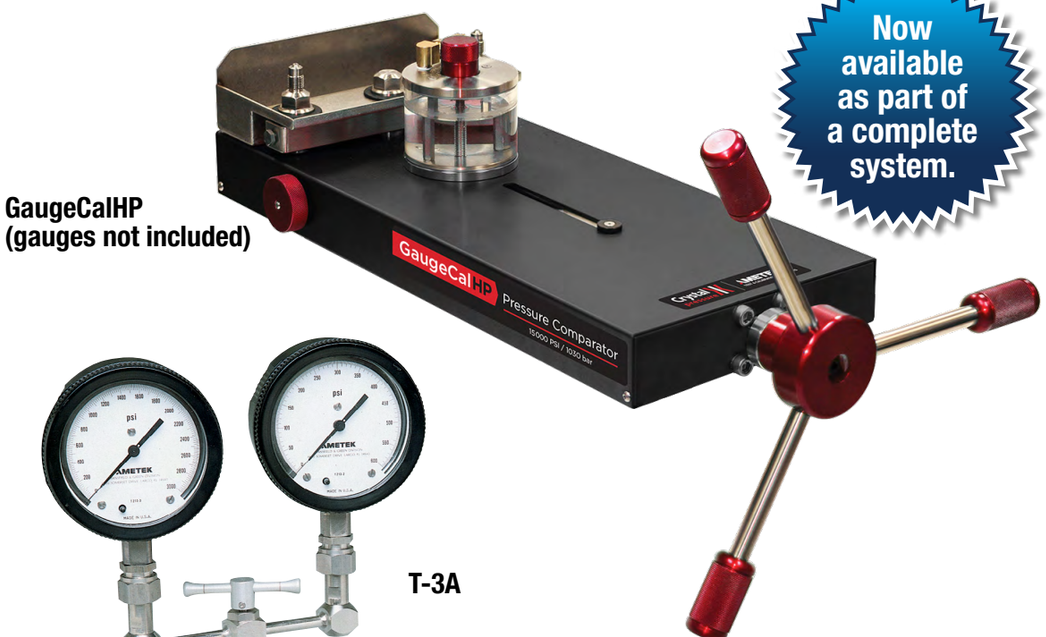
Ideal as a Secondary Pressure Standard.

- Accuracy to ±0.025%
- Four Gauges in Each Set
- Simple Comparison of Gauge Readouts
- Features Manual Dial-Volume Control Valve & Fine-Adjust Vernier
- Hydraulic Pump & Manifold Connect Simultaneously to Instrumentation

Learn More about the GaugeCalHP:

- **https://www.youtube.com/watch?v=oWrB1o9ZJiw**

Now available as part of a complete system.



GaugeCalHP
(gauges not included)



T-3A



Download the GaugeCalHP Datasheet



Download the Pressure Gauge and Deadweight Testers Overview

Shop AMETEK/M&G T-3/T3-A

Shop AMETEK/Crystal Engineering GaugeCalHP

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston Instruments
Pressure Calibration Specialists

Ralston Nitropak™
Nitrogen Calibration Source

A portable, self-contained precision nitrogen gas source for high pressure dry calibration in remote locations.

- Pressure Balanced Fine Adjustment of Pressure Allows for Adjustment of Pressure with Two Fingers Even at 3,000 PSI
- Excellent for Doing Both Differential and Static Pressure Calibrations in the Field
- Easily Refillable Nitrogen Tank with 15.2 cu ft has Enough Volume for Numerous Calibrations
- Includes Storage Compartment for Pressure Reference in Control Panel
- Quick Disconnect Ports and Hose can be Pressurized without a Wrench or Thread Sealant
- Includes Two Transcat 5854P Quick Disconnect Hoses
- Includes Two Gauge Connections for Pressure Reference
- Compatible with Transcat 5854P Hoses and Adapters
- Optional Digital Gauge (±0.1% of Reading or 0.25% Full Scale)
- Made in the U.S.A.

Learn More about the Nitropak™:

- **https://www.youtube.com/watch?v=Rug7EuiyfzU**





Download the Nitropak™ Brochure

Shop Ralston Nitropak™

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston Instruments
Pressure Calibration Specialists

Ralston QTCM and QSCM
Nitrogen Calibration Manifolds

The most cost effective way to perform nitrogen pressure calibration with one compact, lightweight unit. Ideal for remote field calibration to 3,000 PSI or 5,000 PSI.

- Available in Brass or Stainless Steel
- Fine Adjustment Piston Allows Precise Pressure Control
- Delrin Soft-Seated Fill and Bleed Valves Allow for Small Adjustments in Pressure
- Low Volume Hoses Conserve Nitrogen in the Cylinder so it Lasts Longer
- Includes One 20' Inlet Hose, One 2' Outlet Hose
- Quickly Attach or Detach Reference with One Pressure Gauge, Calibrator or Pressure Module Connection
- Compatible with Transcat 5854P Hoses and Adapters
- Optional Digital Gauge (±0.1% of Reading or 0.25% Full Scale)
- Made in the U.S.A.



Learn More about Nitrogen Calibration Manifolds:

- https://www.youtube.com/watch?v=uy6PNGMhAh4&t=2s



Download the Calibration Manifolds Brochure

Shop Ralston Nitrogen Calibration Manifolds

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SECTION B
PRESSURE

Make Sure Your Instrument is
CALIBRATED BY TRANSCAT®

- Adapters, Fittings & Hoses
- Pumps & Pump Kits
- Pressure Gauges
- Test Gauges

Visit Transcat.com for a Detailed List

Adapters, Fittings & Hoses B6, B10-B12
Calibration Pumps B3
Fittings, Adapters & Hoses B6, B10-B12
Gauges B14-B28
Hand Pumps B2-B4, B8-B9, B29-B30
Hose Systems B6
Hoses, Fittings & Adapters B6, B10-B12
Hydraulic Cylinders B31
Hydraulic Test Kits B5
Liquid Filled Gauges B26
Pneumatic Test Kits B7
Pressure Fittings B6
Pressure Gauges B14-B15, B17-B24, B27
Process Gauges B25
Pump Systems B6
Pumps & Pump Kits B2-B4, B7-B9, B25-B26
Reference Recorders B13
Test Gauges B16, B22, B28
Test Pumps B2-B3, B7
Toolbox Sets B32
Vacuum Test Pumps B2

Druck Pumps
Pressure Pumps & Pump Kits

2000PV Versatile Hand Pump

- Hydraulic Pressures to 10,000 PSI
- Pneumatic Pressures to 600 PSI
- Vacuum to 28.5 "Hg
- "H2O Range Fine Control
- Unique Vacuum Priming Function Removes Trapped Air During Hydraulic Operation

23614P Hydraulic Hand Pump

- Use with Water or Oil
- Stainless Steel and Glass Construction - No Leaks or Rust
- Quick High Pressure Priming
- Optional Service/Seal Kit & Relief Valves

23620P Low Pressure and Vacuum Test Pump Kit

- One Button Selection of Pressure/Vacuum
- Pressure to 30PSI and Vacuum to -25 "Hg
- Portable Hand Operated
- Precision Vernier Adjustment (0.00145 PSI)
- Pressure Relief Valve may be set from 20 "H2O to 30 PSI
- Nickel Plated Brass & Anodized Aluminum

23622P Pressure/Vacuum Pump

- -28.5 "Hg to Vacuum to 600 PSI in a Single Pump
- Precision Vernier and Vent Controls
- Easy to Pump
- Switch Between Vacuum and Pressure with a Push of a Button

23625P Hydraulic Hand Pump

- 0 to 15,000 psi Max. (1000 bar)
- 1/4" NPT Female, 1/4" NPT Female
- Pressure Media - Low Viscosity Mineral Based Hydraulic Oil, Distilled Water ('Skydrol' & Brake Fluid Option Available)



Shop Druck Pumps & Pump Kits

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 9xx Series
Pressure Test and Calibration Pumps

The Additel Pressure Test and Calibration Pumps are hand-operated pressure pumps designed to generate pressure either 95% vacuum or 60,000 PSI with a specially designed shut-off valve for pressure stability as high as possible during calibration.

ADT901A Low Pressure Calibration Pump

- For Low Pressure Application (-6 to 6 PSI) Pressure as Low as 0.0004" H2O can be Generated
- High Adjustment Resolution: 0.1Pa (0.0004" H2O)
- Great Stability Isothermal Chamber: the Pressure Chamber is Insulated to Reduce the Influence from Environmental Temperature Changes

ADT918 Pneumatic Pressure Calibration Pump

- Very Efficient: Generate 3,000 PSI in 40 Seconds
- High Adjustment Resolution: 0.001 PSI (10 Pa)
- Built-in Gas-Liquid Isolator Protects the Pump from Moisture and Dirt
- The Residual Liquid in the Pump Introduced from Devices Under Test Will be Collected and Blown Out During Pressure Release
- Anticorrosive and Wear Resistant Materials are Used to Improve Reliability

ADT928 Hydraulic Pressure Test Pump

- Pressurize Large-Volume Workload
- Generate to 15,000 PSI Pressure
- Portable, only 8.6 lbs.

ADT960 Hydraulic Ultra-High Pressure Test Pump

- Pressurize Large-Volume Workload
- Generate Pressure to 60,000 PSI (4,200 Bar) Pressure
- Increase and Decrease Pressure Smoothly
- Three Pressure Ports



ADT901A
Low Pressure Test Pump to 6 PSI



ADT918 Pneumatic Hand Pump to 1500 PSI



ADT920 Pneumatic Hand Pump to 3000 PSI



ADT920HV High Volume Test Pump to 3000 PSI

Shop Additel 9xx Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston Instruments
Pressure Calibration Specialists

Ralston DCAP & DCAP-PV
Pneumatic Hand Pumps and Pump Kits

Easily generate pressure to 650 psi and control it easily for calibration and testing in the field.

- Calibrate Pressure Transmitters - Generate Pressure Easily on Both the High and Low Side of a DP Cell Whether it is 50 in H2O or 500 PSI
- Verify Analog or Digital Pressure Gauges - Control Pressure Very Easily Without Leaks which Helps when Calibrating Many Gauges Each Day
- Excellent for Setting Pressure Switches - Very Precise Fine Adjust Piston on the DCAP Lets the Technician Open or Close a Pressure Switch Easily — Getting the Job Done Faster
- Custody Transfer Flow Computer Calibration in Gas Pipelines - Provides Precise Control of Pressure to Each Side of a Differential Pressure Cell when Calibrating to a Flow Computer
- Quickly and Easily Pump Up to 0-650 PSI (0-45 Bar) Pressure
- Anodized Aluminum Handles for Extra Durability
- Achieve Fine Control of Pressure with Unique Precision Fine Adjust Piston



DCAP



DCAP-PV

Learn More about the DCAP:

- **https://www.youtube.com/watch?v=9yjbtALl2Mc&t=1s**



Download the Pneumatic Scissor Hand Pumps Brochure

Shop Ralston Pneumatic Hand Pumps ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Fluke 700PTPK and 700HTPK
Pneumatic and Hydraulic Test Kit

700PTPK

- Combine with Any Fluke-700G Series Gauge, 1,000 PSI or Less, to Make a Complete Pressure Testing Kit
- Generate Pressure up to 600 PSI, 40 bar with the 700PTP-1 Test Pump
- Connect the 700G Series Gauge Directly to the included PTP-1 Hand Pump
- Includes Hoses and Adapters for Connecting to the Pressure Device to be Tested

700HTPK

- Combine with any Fluke-700G Series Gauge, 1,000 PSI Range or Greater, to Make a Complete Pressure Testing Kit
- Generate Pressure up to 10,000 PSI, 690 bar with the Included 700HTP-2 Test Pump
- Connect the 700G Series Gauge Directly to the HTP-2 Hand Pump
- Includes 700HTH-1 Hose Kit and Adapters for Connecting to the Pressure Device to be Tested

Learn More about the 700PTPK:

- **https://youtu.be/XkOTuiZWWWg**



700PTPK

Shop Fluke 700PTPK ›



700HTPK

Shop Fluke 700HTPK ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/Crystal Engineering Pump Systems & CPF Pressure Fitting and Hose Systems

Pump Systems

- Pneumatic and Hydraulic Options from Vacuum to 15,000 PSI
- Bench Top and Handheld Pumps
- Eliminate/Bleed Air through CPF Weep Hole
- System H Includes 2 Pumps to Cover -25 inHg to 5,000 PSI

CPF Pressure Fitting and Hose Systems

- 2 Seals: Use Fingers for an O-Ring Seal or Use a Wrench for a Metal-to- Metal Cone Seal (Good to -40°C)
- Wrench-Tight for a Vibration Resistant, Metal-to-Metal Seal
- Purpose-Designed for Testing and Calibration
- Flexible Hose Construction (One Inch Bend Radius)
- Laser Marking Clearly Identifies Thread Size and Type
- Self-Venting Weep Hole Alerts You Before You Disconnect from a Pressurized System



Download the Pump Systems Complete Pressure System Brochure



Download the GaugeCalHP Datasheet



Download the CPF Datasheet



GaugeCalHP



M1 - T-900 Series



CPF

Always seals. Always safe.



XP2i - T-1 Series



HPC40 - P-014

Shop AMETEK/Crystal Engineering Pump Systems ›

Shop AMETEK/Crystal Engineering CPF Pressure Fitting and Hose Systems ›

Fluke Calibration 700HPP & 700HPPK

Pneumatic Test Pump & Pump Kits

700HPP

- High Pressure Pump for Simple Generation of Gas Pressures
- Reaches 3000 psi in 20 Seconds into a 30 Cubic Centimeter Volume
- 6.5-Foot Flexible Test Hose, 1/8 and 1/4 NPT Adapters Included, Canvas Carrying Case

700HPPK

- 700HPPK High-Pressure Test Pump with Detachable Pressure Adjustment System to Effectively Calibrate Devices on Bench or in the Field
- Fine Valves to Isolate and Vent Pressure, Variable Volume for Precise Control
- Easily Switch Out Reference Gauges without Requiring PTFE Tape or Tools
- 6.5-Foot Pressure Line and Assorted Pressure Fittings Enable a Wide Variety of Possible Connections
- In-Line Filter Protects The System from Contamination from the DUT

Learn More about the 700HPPK:

- **https://youtu.be/HBh8lhviwoU?si=33dPV3HqudZlylhp**

700HPPK



700HPP





Download the 700HPP & 700HPPK Series Datasheet

Shop Fluke Calibration 700HPP & 700HPPK

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston Instruments
Pressure Calibration Specialists

Ralston DPOV and DPPV
Low Pressure and Vacuum Hand Pumps

The ideal solution for low pressure or vacuum calibration where durability, precision, and ease of maintenance are important.

- Portable, Hand-Operated Pump Easily Generates 125 PSI Pressure
- Unique Pressure/Vacuum Knob Allows the User to Change from Pressure to Vacuum without Tools (DPPV)
- Large Volume Fine Adjustment Vernier Piston Allows Very Precise Pressure Adjustment (±0.001 PSIG) (DPOV)
- Compatible with All Transcat 5854P Pressure Hoses and Pressure Adapters
- Pressure Gauge, Calibrator or Pressure Module can be Connected to 2nd Outlet Port
- Optional Digital Gauge (±0.1% of Reading or 0.25% Full Scale)
- Made in the U.S.A.



Download the Pneumatic Cylinder Hand Pumps Brochure

Learn More about the DPOV and DPPV:

- **https://www.youtube.com/watch?v=Ibt9PmLjVYw&t=9s**



Shop Ralston Hand Pumps

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK Hand Pumps

3,000 or 5,000 PSI Hydraulic Hand Pumps

Each unit has a vernier to allow precise adjustments.

These hydraulic pumps are compatible with oil, alcohol & other hydraulic fluids, and are supplied with pressure hose and 1/4" NPT connections.

Pneumatic Hand Pumps

Economical pressure and vacuum generation.

- Upgraded Internal Design for Better Long-Term Performance and Pumping
- Precision Vernier Built into the Handle for Fine Adjustment
- Controlled Bleed Valve for Precise Pressure Reduction and Hysteresis Tests
- Hand Pump with Reference and Test Connections
- Open Vent to Release Pressure
- Swivel Connection for Reference Gauge



Download the Pump Systems Complete Pressure System Brochure



T-620H-CPF

T-975-CPF

Shop AMETEK Hydraulic Hand Pumps

Shop AMETEK Pneumatic Hand Pumps

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 102/103 Series
Hoses, Adapters and Fittings

Designed for all Additel pumps except the Additel 949.

103 Series Hand-Tight Quick Connectors

- 1/4NPT (or 1/4BSP, M20X1.5) Male to Various Hand-Tight Quick Connectors that Allow You to Connect Pressure Devices Without the Use of Wrenches or Teflon Tape
- Max. Pressure: 15,000 PSI
- Includes 10 Piece Hand-Tight Female Quick Connectors: 1/8NPT F, 1/4NPT F, 1/2NPT F, 1/8BSP F, 3/8BSP F, 1/2BSP F, M10×1.0 F, M14×1.5 F, M20×1.5 F (Case Included)
- Individual Adapters Available

102 Series Hoses, Adapters and Fittings

- 1/4NPT (or 1/4BSP, M20X1.5) Male to Various Male and Female Connectors (25pc/Set)
- One 5 Foot Flexible Hoses with Hand-Tight Quick Connectors Included
- One Right Angle 1/4NPT F Hand-Tight Quick Connector Included
- Individual Adapters Available



ADT102



ADT103



Download the Hoses, Adapters and Fittings Datasheet

Shop Additel 102/103 Series

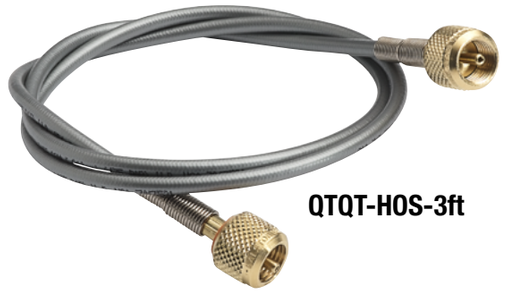
Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston Instruments
Pressure Calibration Specialists

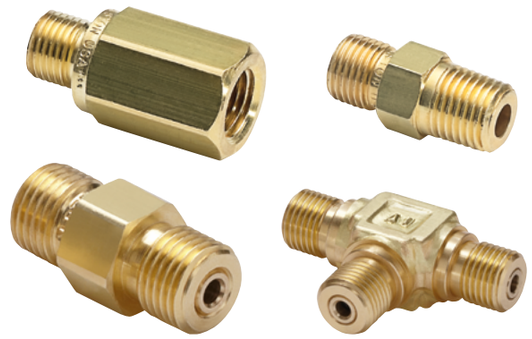
Ralston Hoses, Adapters, and Fittings

5854P Calibration Hoses & Adapters

- Low Volume, High Pressure, Flexible and Durable Hoses Come in Many Lengths to Suit Any Calibration Application
- Adapters can be Connected and Disconnected from the Hoses with Just Your Hands
- Make a Bubble-Tight Connection Between the Hose Using Only One Adapter
- Compatible with All Transcat 5854P Hoses and Adapters



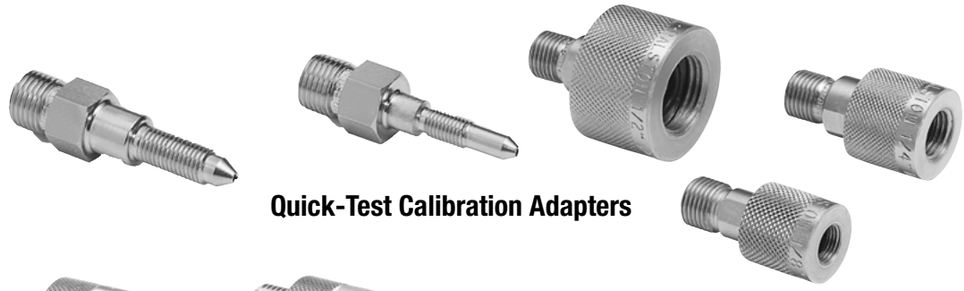
QTQT-HOS-3ft



5854P Adapters

Quick-Test Pressure Calibration Adapters

- DP Transmitter Adapters Allow Easy and Quick Access to the DP Transmitter Cell for Calibration
- All of These Adapters Eliminate the Need for Thread Sealant when Calibrating Pressure Gauges or Transmitters
- DP Transmitter Adapters Eliminate the Need to Remove the NPT Plug for Calibration
- Connect to any Male NPT Pressure Gauge without Thread Sealant or a Wrench with Female QD Adapters



Quick-Test Calibration Adapters

Male NPT Quick-Disconnect Adapters and Tube Fitting Adapters

- Thread Male NPT Quick-Disconnect Adapters Into Any Female NPT Connection and When Pressure is Applied, a Unique Sealing System Will Seal this without Thread Sealant or a Wrench
- Connect Tube Adapters to Swagelok®, Parker®, Hoke® or Equivalent Tube Fittings without Thread Sealant or a Wrench Using an O-Ring Seal that Does not Need to be Made Up or Gauged
- Compatible with All Transcat 5854P Hoses
- Made in the U.S.A.



NPT Adapters



Tube Adapters

QTHA-KIT4 Universal Fitting Kit

- Contains All the Necessary Fittings and 5854P Hoses to Connect to Any Pressure Transmitter, Gauge or Manifold
- 1/8", 1/4", 3/8", 1/2" Male NPT Adapters
- 1/8", 1/4" Male NPT Quick-Disconnect
- 1/8", 1/4", 3/8", 1/2" Female NPT
- 1/8", 1/4", 1/2" Female NPT Quick-Disconnect Adapters
- 1/4", 3/8", 1/2" Tube Adapters
- Hose Tee to Join Three Hoses
- Hose Union to Join Two Hoses
- DP Transmitter Stinger Probes for Rosemount, Foxboro, Yokogawa, Honeywell Transmitters
- 3' and 6' Quick-Test Hoses



QTHA-KIT4



Tube Fittings



Download the Hose and Adapter Catalog

Shop Ralston Hoses, Adapters and Fittings ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Ralston Instruments
Pressure Calibration Specialists

Ralston Quick-Test XT
10,000 PSI Calibration Hoses and Adapters

Connect to hand pumps, pressure gauges, and devices being calibrated to 10,000 PSI using Quick-connect adapters.

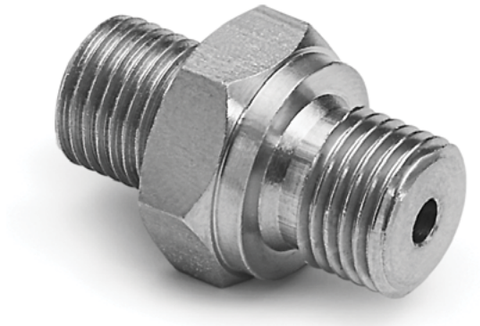
- Finger-Tight and Bubble-Tight Connections to 10,000 PSI
- Change Adapters Easily without Using a Wrench
- Use with Hydraulic Fluid, Oil, Water, or Skydrol
- Flexible Hose Construction (One Inch Bend Radius)
- Design Safety Factor of 4:1 (Utilizes Multiple Seals for Quick-Test XT Connections)
- Self-Venting Design Prevents the Fitting from Becoming a Projectile if Disconnected while Under Pressure
- Made in the U.S.A.



Download the Hose and Adapter Catalog

Learn More about Quick-Test XT Fittings:

- https://www.youtube.com/watch?v=SLK-kF3XRtk



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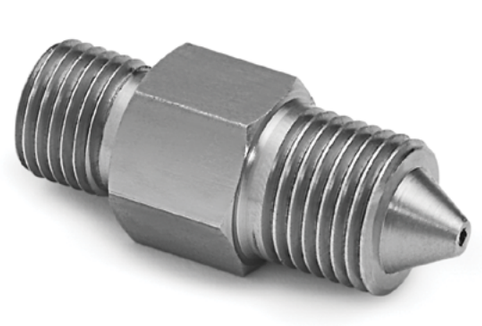


XTHA-2MS0-XH



XTHA-HHSU



XTHA-HSTS



XTXT-HOS-3ft

Shop Ralston Quick-Test XT

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/Crystal Engineering nVision
Reference Recorders

Recording capability of a chart recorder. High accuracy of a deadweight tester. Replaces multiple pressure gauges.

- Accuracy to 0.025% of Reading
- Gauge, Absolute, and Differential Pressure to 15,000 PSI
- 500,000 Data Points - 10 Readings per Second from 2 Modules
- Switch, Voltage, Current, and Temperature
- Connects to a PC to View Live Readings or Export to Tamper Proof Digital Records
- Compensates Accuracy for Temperature Effects from -20 to 50°C
- Each Unit Includes: Traceable Calibration Certificate with Data at Five Temperatures, 4 AA Batteries, Soft Carrying Case, Protective Boot, and Mini-USB Cable



Pressure Module (PM)

Measure, calibrate, and record up to 15 000 psi with up to 0.025% of reading accuracy, in the field.

Temperature Module (RTD100)

Works with 2-, 3-, and 4-wire Pt100 RTDs. Includes an IP67 rated, M8 connector terminal block.

Current, Voltage, and Switch Test Module (MA20)

Measures 4-20 mA and 10-50 mA loops, DC voltage, and switch state. Each MA20 module comes with a super flexible, silicone 2mm test lead kit.

Learn More about the nVision:

· https://youtu.be/XZ2luEjC548?si=PMjEUv4NRu91P3kK



Download the nVision Datasheet

Shop AMETEK/Crystal Engineering nVision

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/Crystal Engineering XP2i
Digital Pressure Gauges

World's most popular test gauge - now available in high accuracy "Of Scale" versions.

- Three Accuracy Levels: ± (0.1 % of Reading, 0.02% of FS, and 0.05% of FS)
- Low Pressure Absolute Ranges!
- ATEX / IECEX / CSA Intrinsically Safe
- Now Includes Calibration Reminders and Alerts
- Record, Graph and Save Pressure Data with the DataLoggerXP Option
- A2LA Accredited, ISO17025 Calibration Certificate is Included
- Shifts Everyday Wear to Replaceable CPF Adapter

DataLoggerXP Firmware Upgrade:

- Record up to 32,000 Pressure Measurements
- Change Data Collection Parameters, with or without a Computer
- Start and Stop Multiple Collection Runs from the Keypad of Your XP2i
- Record Pressure Readings at Intervals of 1 per Second, up to 1 Every 18 Hours
- Battery-Optimizing, Ultra Low Power (ULP) Mode
- Save Data Directly into Microsoft Excel or a Secure .pdf File
- Over an Entire Year of Continuous Recording Time
- Special Wet/Wet Differential Models Available

Learn More about the XP2i DataLoggerXP:

- **https://youtu.be/l0MTuzNZpxY?si=XfjkvreT5J-DeJ-j**



XP2i



XP2i DataLoggerXP



Download the XP2i Brochure

Shop AMETEK/Crystal Engineering XP2i ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Ralston LC10 and LC20
Digital Pressure Gauges

Ralston Instruments line of digital pressure gauges are compact, tough and reliable. Use them in the field, drop them in water, connect them to your PC.

- Large LCD Display Displays Pressure or Temperature with Numbers & a Bar Graph
- Bright Backlight Allows the User to Operate Device in Low Light Situations
- Durable Aluminum and High Impact Plastic Case Resists Damage and Abuse
- Vacuum to 30 inHg/760 mbar, Pressure Ranges from 5 psi /35 kPa to 10,000 psi / 70 Mpa
- 1/4% Full Scale Accuracy for All Pressure Ranges (ASME Grade 3A/ISO Class 0.25) (LC10)
- High Precision - 0.1% Full Scale Accuracy for All Ranges (ASME B40.100 Grade 4A) (LC20)
- Easily Add, Remove or Create Custom Engineering Units Via Free PC Software (FieldLab Desktop)
- Approvals for Use in US, Canada, Europe, Australia
- Made in USA



LC10

LC20

Learn More about the LC20 Digital Pressure Gauge:

- **https://www.youtube.com/watch?v=M0E8R-AK67s&t=4s**



Download the LC10 Brochure



Download the LC20 Brochure

Shop Ralston Digital Pressure Gauges

Druck DPI 104 IS
Digital Test Gauges

The DPI 104 IS is an intrinsically safe version of the microprocessor-controlled DPI 104 digital pressure gauge.

- Intrinsically Safe
- ATEX, IECEx
- 0.05% FS Accuracy
- Pressure Ranges to 20,000 PSI (1,400 bar)
- Eleven Selectable Pressure Units
- Large, Easy-to-Read Display with Five-Digit Resolution
- % Pressure Indication and Additional bar Graph for Quick Visual Reference
- Temperature Compensated Accuracy from 14°F to 122°F (-10°C to 50°C)
- Pressure Switch Test
- Minimum/Maximum, Tare and Alarm Function
- Stainless Steel or Inconel Pressure Cavity for Aggressive Media





Download the DPI 104 IS Datasheet

Shop Druck DPI 104 IS

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/Crystal Engineering m1
Digital Pressure Gauges

Precision and performance at an affordable price!

- ±0.2 % of Reading Accuracy with a Two Year Calibration Cycle (m1)
- ±0.25 % of Reading Accuracy with a Three Year Calibration Cycle (m1M)
- Fully Temperature Compensated, No Change in Accuracy from -10°C (14°F) to 50°C (122°F)
- Battery Life: Up to 3 Years of Continuous Service
- Protective Boot Included
- Shifts Everyday Wear to Replaceable CPF Adapter
- A2LA Calibration Certificate is Included

Specifications	
Accuracy - m1	(2 Year) ±(0.2% of Reading) from 20% - 110% FS ±(0.04% FS) from 0% to 20% FS
Vacuum - m1	300 PSI Ranges and Lower ±(0.25% of FS) where FS = -14.5 PSI
Accuracy - m1M	(3 Year) ±(0.25% of Reading) from 20% - 110% FS ±(0.05% FS) from 0% to 20% FS
Vacuum - m1M	300 PSI Ranges and Lower ±(0.5% FS) where FS = -14.5 PSI
Temperature	
Operating & Compensated	-10°C (14°F) to 50°C (122°F)
Storage	-40°C (-40°F) to 75°C (167°F)
Display	Five Digit Display (Resolution Depends on Range and Unit of Measurement), 0.66" High Characters, Backlit Update – Four Readings per Second
General	
Pressure Connection	CPF Female with a 1/4" Male NPT or G 1/4 B Adapter
Size	4.4 x 4.4 x 1.75"
Power	Two Size AA Batteries with Typical 900 Hours at Four Readings/Second





Download the m1 Datasheet

Shop AMETEK/Crystal Engineering m1

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 686

Advanced Digital Pressure Gauges

Additel's 686 Advanced Digital Pressure Gauges will redefine the way you want to measure pressure!

- Pressure Ranges Up to 60,000 psi (4,200 bar)
- 0.02%, 0.05% FS or 0.1% RD Accuracy
- Color Touchscreen Display
- Every Model Measures Gauge or Absolute Pressure
- Built-in Barometer
- Intuitive Smartphone Like Interface
- Bluetooth and USB Communication
- Wi-Fi (Optional)
- Data Logging (Optional)
- Communicates with Additel's Link Mobile App



Download the 686 Datasheet

Learn More about the 686:

- **https://youtu.be/FmKCF_KSPUI**



Shop Additel 686

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 685 Series
Digital Pressure Gauges

Looking for the most advanced, best performing and modern digital pressure gauge on the market? Congratulations, you've just found it!

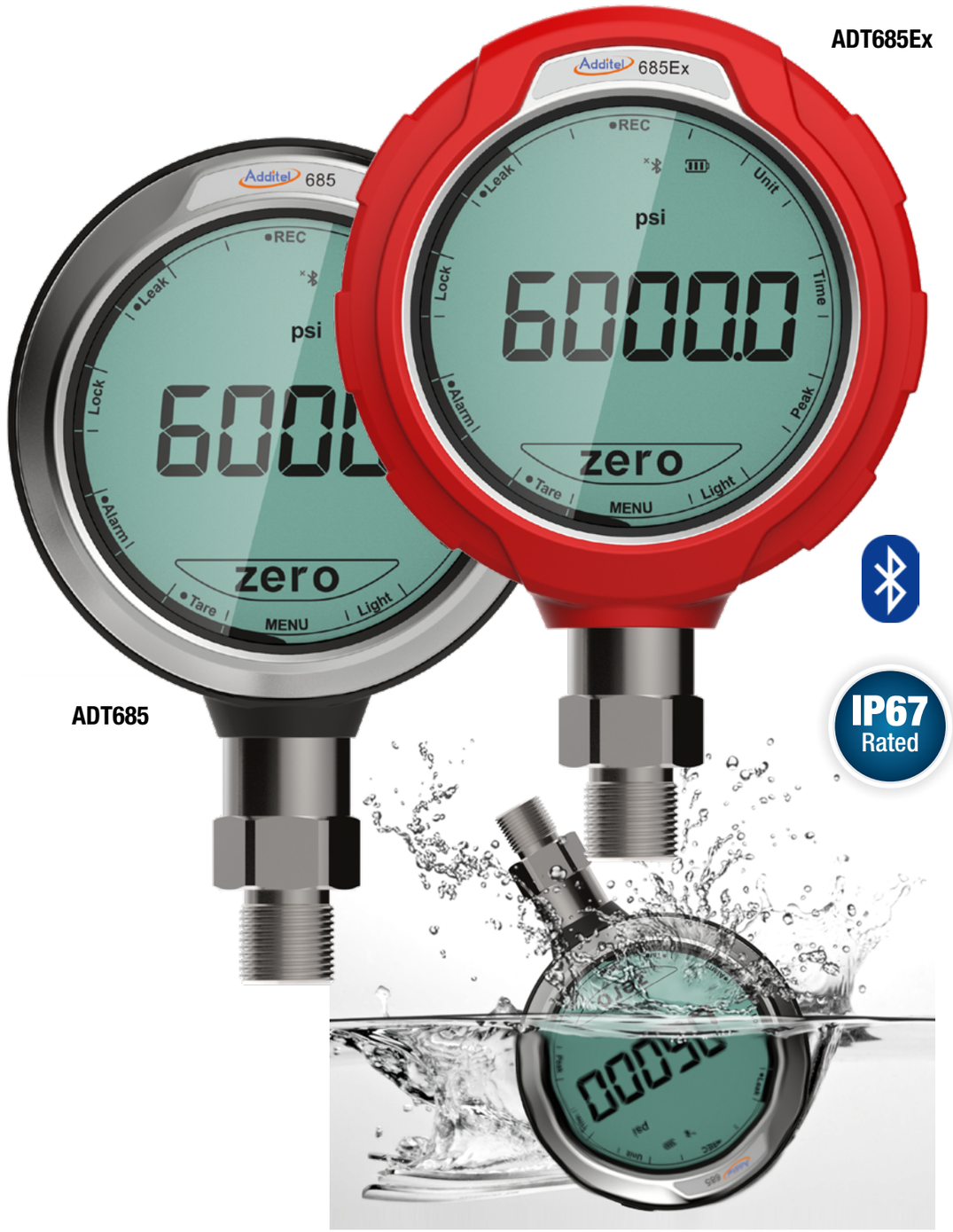
- Pressure Ranges Up to 60,000 psi (4,200 bar)
- 0.02%, 0.05% FS or 0.1% RD Accuracy
- Touchscreen Display
- Every Model Measures Gauge or Absolute Pressure
- Built-in Barometer
- Intrinsically Safe Version 685Ex (Optional)
- Bluetooth and USB Communication
- Data Logging (Optional)
- IP67 Rated
- Communicates with Additel's Link Mobile App



Download the 685 Series Datasheet

Learn More about the 685 Series:

- **https://youtu.be/M4SwJblkJhQ**



Shop Additel 685 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 681 Series
Digital Pressure Gauges

0.02% FS accuracy and ranges from ±1 in H2O to 60,000 PSI make the ADT681 series the best pressure gauge in its class.

- Pressure Ranges from ±1 "H2O to 60,000 PSI
- 0.02%, 0.05%, 0.1%, 0.2% FS or 0.1% RD Accuracy
- IP67 Rated (681IS Only)
- Data Logging Versions Available
- Temperature Compensated 14°F to 122°F
- Large, Easy to Read Display with % Pressure Graphic Scale
- ATEX Certified Intrinsically Safe Versions (681IS Only)
- Available in Gauge, Absolute, Compound, or Differential Pressure Types
- NIST Traceable Calibration
- Rubber Boot Included



ADT681 with Boot

Learn More about the 681 Series:

- **https://youtu.be/xs_NWIe__h8**



Download the 681 Series Datasheet

Shop Additel 681 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 680 Series
Digital Pressure Gauges

Rugged, easy-to-use, and affordable digital pressure gauges with optional wireless and data logging capabilities.

- Pressure Ranges up to 60,000 PSI
- 0.05%, 0.1% or 0.25% FS Accuracy
- Wireless and Data Logging Versions Available
- Temperature Compensated 14°F to 122°F
- IP67 Protection Level
- NIST Traceable Calibration
- Rubber Boot Included



Download the 680 Series Datasheet

Learn More about the 680 Series:

- **https://youtu.be/CC9hwVIU97s**



ADT680W Wireless

Shop Additel 680 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 700G Series
Precision Pressure Test Gauges

Precision test gauges are a simple, easy-to-use pressure measurement tool.

- Nine Models Ranging from 15 to 10,000 PSI
- Bright Backlit Display for Easy Viewing of Pressure Measurements
- High Accuracy, 0.05% Total Measurement Uncertainty for One Year
- Demand Measurement Logging to a PC or to Internal Memory with 700G/TRACK Software
- Intrinsically Safe - CSA; Class 1, Div 2, Groups A-D Rating, ATEX: Rating: II 3 G Ex nA IIB T6
- Environmental Protection to IP67 (Dust & Water)



Download the 700G Series Datasheet

Learn More about the 700G Series:

· **https://youtu.be/oapHgpFDuDs**



700G04

Shop Fluke 700G Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 2700G Series
Reference Pressure Gauges

The 2700G Reference Pressure Gauges provide best-in-class measurement performance in a rugged, easy-to-use, economical package.

- Precision Pressure Measurement from 15 psi to 10,000 psi
- Accuracy to 0.02% of Full Scale
- Combine with the 700PTPK or 700HTPK Pump Kits for a Complete Portable Pressure Testing Solution for up to 600 PSI with the PTP-1 Pneumatic Pump and up to 10,000 PSI with the HTP-2 Hydraulic Pump
- Easy-to-Use, Rugged Construction For Reliable Performance
- Combine with the P5510, P5513, P5514, or P5515 Comparison Test Pumps for a Complete Bench Top Pressure Calibration Solution



Download the 2700G Series Datasheet

Learn More about the 2700G Series:

- **https://youtu.be/-0GK9bJpeZw?si=NF1q-Qijfswvdv02**



Shop Fluke Calibration 2700G Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Enerpac G- & H-Series
Hydraulic Pressure Gauges

Glycerin Filled (G-Series)

- Calibrated in Dual Scale Reading in psi and bar
- All Pressure Sensing Parts Sealed and Dampened by Glycerin for Long Life
- Includes Safety Blow-Out Disk and Pressure Equalizing Membrane
- Gauge Snubbers or Needle Valves Recommended for High-Cycle Applications

High-Cycle Dry Gauges (H-Series)

- Calibrated in Dual Scale Reading in psi and bar
- Ideal for Use in Many Applications, Specifically for High Cycle and Harsh Environments
- Gauge Snubbers or Needle Valves Recommended to Shut Off Gauge When Not in Use



Download the G- & H-Series Datasheet



G2512L



G2537R



H4071L



H4049L

Shop Enerpac Hydraulic Pressure Gauges

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/US Gauge 1981
Process Gauges

The model 1981 has earned a reputation throughout many industries as one of the most durable process gauges.

- Bourbon Tubes Constructed from 316LSS
- Accuracy: +/-0.5% Full Scale
- 4 1/2" Dial Face
- Solid Wall between Bourbon Tube and Dial
- Patented ARC-LOC Movement
- Heavy-Wall Sockets for Corrosive Applications
- Pressure-Relieving Back for Safety
- Zero Adjustment Restricted to Prevent Excessive Calibration Error
- Impact-Resistanr PET Resin Case



Download the 1981 Datasheet



1981



1981 Advantage

Shop AMETEK/US Gauge 1981

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/US Gauge 656
Liquid Filled Gauges

The 656 Series are suitable for corrosive environments in chemical, petrochemical, refining, power, marine, and food and pharmaceutical processing applications.

- Liquid Filled Pressure Gauges Provide Users with a Number of Advantages in Certain Measurement Applications
- Ideally Suited for Uses on Equipment Where Excessive Vibration and Pulsation are Encountered, Such as Pumps, Compressors, Machine Tools, etc
- The Liquid Fill Minimizes the Effect of these Severe Environments, Protects the Gauge Internals, and Provides Continuous Lubrication on the Mechanism, All Adding up to Extended Service Life
- Liquid Filling also Provides Greater Protection of the Gauge Internals from Corrosive Atmospheres
- Can be Used with a Variety of Fill Fluids Including Glycerin, Mineral Oil, and Silicone Oil
- Available in a Low Mount, Center Back, and Low Back Mount Connections with Front Flange or U-Clamp Mounting Options





Download the 656 Datasheet

Shop AMETEK/US Gauge 656

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/US Gauge P500

General Equipment Gauges

The Model P500 is a general purpose commercial gauge measuring vacuum pressure, gauge pressure, or compound gauge pressure.

- ±3-2-3% Accuracy
- Pressure Ranges are from Vacuum to 5000 psi
- Bourdon Tube Pressure Gauges with Phosphor Bronze or Beryllium Copper Tubes, and Brass Sockets
- Black Painted Steel Case for Durability
- Available Off the Shelf or Customized for OEM Applications



Download the P500 Datasheet



Shop AMETEK/US Gauge P500

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/US Gauge 1409
Test Gauges

The 1409 Series combines high accuracy, rugged construction and portability for a wide range of field and production testing applications.

- ±0.50% Accuracy up to 1000 psi, or ±1% for 1500 psi and Above
- Used for Field Testing and Validation
- Light Weight Chrome Plated ABS Solid Front Case with a Blow Out Back Design
- Knife-Edged Micro-Adjustable Pointer to Reduce Parallax Readings
- Low Mount Chrome Plated Brass Socket with a ¼" NPT Connection, with a Seamless Phosphor Bronze or Beryllium Copper Bourdon Tube
- Pressure Ranges are from 0-30 psi Through 0-5000 psi



Download the 1409 Datasheet



Shop AMETEK/US Gauge 1409

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Enerpac P-Series
Lightweight Hand Pumps

Enerpac lightweight hydraulic hand pumps are a convenient alternative to heavier steel pumps without any sacrifice in performance or safety. Each model available for sale is rated up to 10,000 psi (700 bar).

- Lightweight and Compact Design
- Durable Glass-Filled Nylon Reservoir and Nylon Encapsulated Aluminum Pump Base for Maximum Corrosion Resistance
- Two-Speed Operation on Most Models Reduces Handle Strokes by as Much as 78% Over Single Speed Pumps
- Lower Handle Effort to Minimize Operator Fatigue
- Integral 4-Way Valve on P-842 for Operation of Double-Acting Cylinders
- Handle Lock and Lightweight Construction for Easy Carrying
- Large Oil Capacities to Power a Wide Range of Cylinders or Tools
- Non-Conductive Fiberglass Handle for Operator Safety
- Internal Pressure Relief Valve for Overload Protection



P142



P391



P842





Download the P-Series Datasheet

Shop Enerpac P-Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Enerpac P-Series
Steel Hand Pumps

Ultima Steel Hand Pumps are durable, portable, and highly efficient. Each model available for sale in the series features an all-steel construction, a chrome plated plunger, and a wiper system for long-lasting performance.

- Reduced Handle Effort and Ergonomic Grip for Less Operator Fatigue
- Two-Speed Operation for Fast and Easy Operation (Except P-39)
- Vent Free Reservoir Eliminates Spills
- Quick Grip Handle Allows for Easy Transport
- Integral Reservoir Over-Pressurization Protection
- All Steel Construction, Chrome Plated Plunger and Wiper System for Durable, Long Lasting Performance
- 4-Way Valving on the P84 and P-464 for Operation of Double-Acting Cylinders



Download the P-Series Datasheet

Learn More about the P-Series Steel Hand Pumps:

- **https://youtu.be/uP28B0FB_dI?si=d8nCeU2XbXw23XFv**



Shop Enerpac P-Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Enerpac RC-Series
Hydraulic Cylinders

RC-TRIO is the next generation of the legendary Enerpac RC-Series single acting hydraulic cylinders. These hydraulic jacks include many advanced features to ensure superior durability, versatility, and productivity.

- Unique GR2 Bearing Design, Reduces Wear, Extending Life
- Collar Threads, Plunger Threads and Base Mounting Holes Enable Easy Fixturing (on Most Models)
- Designed for Use in all Positions
- High Strength Alloy Steel for Durability
- Redesigned Cylinder Thread Protector for Ease of Use
- Heavy-Duty, Pretensioned Spring Improves Retraction Speed
- Baked Enamel Finish for Increased Corrosion Resistance
- CR-400 Coupler and Dust Cap Included on all Models
- Plunger Wiper Reduces Contamination, Extending Cylinder Life



Download the RC-Series Datasheet

Learn More about the RC-Series:

· https://youtu.be/brmvV1D09cQ?si=uHotYTgeEe5wZFVZ



Shop Enerpac RC-Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

ENERPAC

Enerpac SCTB-Series
Toolbox Sets

SC00HTB, Flex Toolbox Set

- Option to Upgrade to a Complete Hydraulic Solution
- Convenient and Portable, this Set Comes in a Durable, Easy to Carry Box
- Will Work Effortlessly with Your Enerpac Tool of Choice, Giving You Everything You Need to Tackle a Wide Range of Jobs

SC00TB, Essential Parts Toolbox Set

- Convenient All-in-One Component Toolbox Containing Everything an MRO Technician Needs to Address the Most Common Field Issues
- Organized in a Durable and Easy to Transport Case
- Helps Limit any Last-Minute Surprises that Could Jeopardize the Success of Your Job

SC05HTB, 5 tons MRO Toolbox Set

- Designed to Enhance Job-Site Performance
- Provides a Convenient and Portable Solution for All Your Lifting and Pushing Requirements up to 5 tons
- Industrial Strength Container Keeps Tools Organized and Secure

SC010HTB, 10 tons MRO Toolbox Set

- Designed to Enhance Job-Site Performance
- Provides a Convenient and Portable Solution for All Your Lifting, Pushing or Pulling Requirements up to 10 tons
- Industrial Strength Container Keeps Tools Organized and Secure
- Complete with Base Plate for Extra Stability



Download the SCTB-Series Datasheet

SC05HTB



SC10HTB



Shop Enerpac SCTB-Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SECTION C
TEMPERATURE & HUMIDITY

Make Sure Your Instrument is
CALIBRATED BY TRANSCAT®

- Thermometers
- Humidity Indicators
- Infrared Cameras
- PRTs
- RTDs
- Thermal Imaging Cameras

Visit Transcat.com for a Detailed List

Acoustic Imaging Cameras C24
Data Loggers. C4
Humidity Meters C9
Hydrometer C10
Hygro-Thermometers C15
Infrared Cameras C18, C25
Infrared Thermometers C16-C17
Infrared Windows C28-C29
Moisture Meters C19
Multichannel Reference Recorders C13
Multifunction Reference Thermometer Readout C8
Precision Thermometers C3, C14
PRTs C12
Reference & Standard Probes C7
Reference Thermometers C5-C6
Software C11
Sonic Industrial Imager C27
Temperature Calibration Software C11
Temperature Indicators C7
Thermal Imaging Cameras C18-C23, C26
Thermo-Hygrometers C19
Thermometers, Contact C16
Thermometers, Infrared C3, C14
Thermometers, Precision C7, C11, C29
Thermometers, Reference C5-C6

Fluke Calibration 1529
Precision 4-Channel Thermometers

With battery power and memory to store up to 8,000 measurements (including date and time stamps), the 1529 has plenty of data logging capability.

- Four Channels for PRTs, Thermistors, and Thermocouples
- Simple Menu System Guides You through Internal Set-up and Memory Options
- Displays Eight User-Selected Data Fields from Any Channel
- Displaying Measurements in °C, °F, K, Ohms, or mV
- Connectors Accept Bare Wire, Spade Lug, Banana or Mini
- Resolution from 0.01 to 0.0001
- Logs up to 8,000 Readings with Date and Time Stamps
- Battery Provides Eight Hours of Continuous Operation Eleven Logging Intervals from 0.1 Second to 60 Minutes
- High Speed Mode Allows Measurements of 1/10 sec



Display

You can also select any eight items to view on-screen. Choose statistical functions, such as averages, standard deviations and spreads, probe information, such as probe type and serial number, T1-T2 functions using inputs from any two channels or utility functions, such as the date, time, and battery power level. You can even save up to 10 screen configurations for easy recall.

Communications

The memory and communications capabilities of the Chub-E4 make it perfect for benchtop thermometry, on-site measurements, lab calibration work, and remote data logging. Optional software packages from Fluke Calibration make this one of the most powerful thermometers on the market.

Store 100 individual measurements or any number of automatic log sessions (up to 8,000 readings), each tagged with an identifying session label.



Download the 1529 Datasheet

Shop Fluke Calibration 1529

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 1502A/1504
Precision Thermometers

Our best selling precision thermometer now has a thermistor version.

These precision thermometers fill the gap between ultra high precision (and priced) laboratory thermometers, and general-purpose, hand-held models. They can be paired with a wide variety of sensors to create a system accurate enough to calibrate process sensors and liquid in glass thermometers. Used in conjunction with one of our baths or dry block calibrators, they create a complete temperature calibration system.

- RTD and Thermistor Versions
- ±0.004°C Accuracy for RTDs
- Up to ±0.002°C for Thermistors



1502A

5800T RTD Thermometer

The 5800T can be used with either 100, 25 or 10Ω Pt sensors. It can read the standard “385” industrial grade RTD with no programming. For greatest accuracy, select one of our lab grade probes and enter constants for the individual probe. You can do it easily through the front panel. Display measurements with 0.001° resolution in your choice of °F, °C, Kelvin, or resistance in Ωs. Readout accuracy is up to ±0.004°C. As with any precision thermometer, you must add probe uncertainty to determine total system accuracy.

24202T Thermistor Thermometer

If you need higher accuracy in a limited temperature range, the 24202T delivers it in a thermistor readout. Thermistors have a relatively narrow range (0 to 100°C), but are more rugged than RTDs, and respond more quickly to changes. Within their limited range, their accuracy is superior to that of an RTD, and the sensors are less expensive. Typical accuracy of the 24202T is up to ±0.002°C, resolution is 0.0001°. Again, you must add in probe uncertainties to determine system accuracy.



1504

Shop Fluke Calibration 1504 ›

Shop Fluke Calibration 1502A ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 1620A-S
Temperature/Humidity Data Logger

The "DewK" monitors temperature, RH, dew point, heat index, and rates of change.

- Two Channels Measure Ambient Temperature to ±0.25°C and % RH to ±2%
- Ethernet and RS-232 Communication Ports Come Standard
- Detachable Probes Contain their own Calibration Data for Easy Recalibrations
- Probes Measure Via Cables to Locations up to 100 Feet Away
- Summary Statistics for Min/Max Rates of Change Stores Most Recent Sixty Days
- Alarm Settings are Visual and Audible, Quickly Set for Temperature and RH, Plus Rate of Change for Temperature and RH and Instrument Fault Conditions
- Collect Data in User-Selectable Intervals from Every Second to Every Hour
- On-Board Memory Holds up to 400,000 Time/Date-Stamped Readings
- Optional LogWare III Software Logs Real-Time from Multiple DewKs









Download the 1620A-S Datasheet

Shop Fluke Calibration 1620A-S ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 1523/1524
Reference Thermometers

Visual data trending and dual channel measurement helps engineers and technicians accurately read a wide temperature range with reference PRTs, thermocouples, and thermistors.

- Accuracy to ± 0.002°C with Thermistors and ± 0.015°C with PRT's (Readout Only)
- Temperature Range: -200°C to 2315°C
- Simultaneously Measures Two Channels
- Reads PRTs, Thermocouples, and Thermistors
- "Plug-and-Play" Calibration Coefficients with SMART LEMO Connector
- Trends Data Graphically
- Documents Readings and Statistics
- Logs up to 15,000 Data Points



Download the 1523/1524 Datasheet

Learn More about the 1523/1524:

· **https://youtu.be/OGRTe9dofOo?si=faxM4VzbBvCtleG3**



Shop Fluke Calibration 1523/1524

Additel
Metrology Made Simple

Additel 282 Series
Dual-Channel Reference Thermometer

Additel's 282 Reference Thermometer Readout delivers the best possible accuracies and features in the palm of your hand! With accuracy capabilities on par with laboratory grade thermometers, the ADT282 is capable of handling even your most critical measurements.

- Reference Level Accuracies
- Dual Measurement Channels
- RTD and TC Inputs
- Smart Style Probe Connections
- Large Smartphone Like Touchscreen
- Differential Measurement Technology
- Bluetooth & USB Communications
- Built-in Sensor Library
- Datalogging
- IP67 Rated
- Rugged Handheld Construction
- Rechargeable



Learn More about the 282 Series:

- **https://youtu.be/nwrB9pMQExM**



Download the 282 Series Datasheet

Shop Additel 282 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AMETEK/JOFRA STS & DTI Series

STS Secondary Temperature Standards/Reference Probes

- Wide Temperature Range
- Works with Jofra Calibrators
- Specified Low Drift, Fast Response
- Extremely Stable Pt100, 385 Curve
- Specialized Models: Sensors with Intelligent Connectors, Flexible Configurations to Meet Your Application, 90° Angled Probe for Sensors with Large Mechanical Heads, Short Sensors with Flexible Cabling for Sanitary Applications
- STS-150 Probes for use with PTC B/C Models & STS-200 Probes for use with RTC B/C Series Models Available
- Ranges from -150° to 650°C in 4 Models
- Probe Diameter from 3mm to 6.35 mm
- System Accuracy of ± 0.04°C when Combined with the RTC Calibrator



STS

DTI Series Digital Temperature Indicator/Thermometers

- Accurate to ±0.005°C / 0.009°F (DTI-1000)
- Extensive Range
- Works with JOFRA STS Probes or Custom Curves
- Use for Precise Calibration and Verification
- Combine with a Temperature Source for Accurate Calibrations
- Use with Reference Sensor for Validation of Other Sensors
- Take Precise Temperatures in the Lab or in the Field
- True Ohm Measurement Means Accurate Readings
- Fast Response Time
- Dual-Channel Inputs (DTI-1000)
- Can use Probes Other than JOFRA Probes
- Battery Operated for Portability
- RS-232 Communications & Software Supplied



DTI-1000



Download the DTI-1000 & STS-100 Datasheet

Shop AMETEK/JOFRA STS Series ›

Shop AMETEK/JOFRA DTI Series ›

Additel ADT286

Multifunction Reference Thermometer Readout

Additel's 286 combines the capabilities of a high-end reference thermometer with a highly capable data acquisition system and 8.5 digit multimeter.

- Measure and Calibrate SPRTs, RTDs, Thermistors and Thermocouples
- 1 PPM Resistance Ratio Accuracy (Channel 1) ±0.1 mΩ (1-year 25 Ω Nominal)
- 8 1/2-Digit DC Multimeter
- Measure Up to 82 Channels
- Sample Rates Up to 10 Channels Per Second Bluetooth, USB & Ethernet (RJ-45) Capable
- Bluetooth, USB & Ethernet (RJ-45) Capable
- Auto Temperature Control of Additel and Other Manufacture's Heat Sources
- 10.1" Touchscreen Display
- HART Communications Capable for Transmitter Support and Calibration
- Support for Creating Custom Control of Heat Sources with RS-232
- Auto - Zero Power Feature (Self Heating Compensation)

Learn More about the ADT286:

- **https://youtu.be/qu_y1b1fq4g**





Download the ADT286 Datasheet

Shop Additel ADT286

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 971
Temperature Humidity Meter

Quickly take accurate humidity and temperature readings.

- Backlit Dual Display of Humidity and Temperature
- Measures Dew Point and Wet Bulb
- 99 Record Storage Capacity
- Ergonomic Design with Belt Clip and Protective Holster
- Quick-Response Capacitive Sensor
- Min./Max./Avg Data Hold
- Low Battery Indicator



Download the 971 Datasheet

Learn More about the 971:

- https://youtu.be/RIConeOeT4o



Shop Fluke 971

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Eagle Eye SG-Ultra and SG-Ultra Max

Battery Hydrometer, Portable Battery Density Tester and Meter

Offering 99.999% accurate, temperature-compensated specific gravity, density, and density-related values.

- User-Friendly Compact, Lightweight, and Allows for One-Hand Measurement
- Large LCD Display Screen with Backlight
- Robust and Rugged, Comes with Protective Carrying Case. Sustains Tough Field Environments with Leakproof Housing
- Wireless Communication Infrared Data Interface for Data Exchange with a PC and Data Export to a Printer (Data Transfer Accessories Included)
- CE Compliant and One Year Warranty



Download the SG-Ultra Datasheet



Download the SG-Ultra Max Datasheet

Learn More about the SG-Ultra:

· **https://vimeo.com/473924920**

SG-Ultra



SG-Ultra Max



Shop Eagle Eye SG-Ultra

Shop Eagle Eye Sg-Ultra Max

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration 9933 TableWare v3.0
Temperature Calibration Software

TableWare software generates coefficients for RTDs, thermistors, and thermocouples from manually entered calibration data saving lots of calculation time. Simply enter or import the raw resistance or voltage data from your calibrations. TableWare calculates coefficients, residual values and generates useful tables.

- Uses ITS-90, IPTS-68, Callendar-Van Dusen and Polynomial Equations
- Generates Temperature vs. Resistance, Temperature vs. Ratio and Temperature vs. EMF Tables
- Tables and Coefficients can be Exported to a Text File for Analysis in Other Software Packages
- Compatible with the Microsoft Windows® 7, 8, and 10 Operating Systems



Shop Fluke Calibration 9933 TableWare v3.0

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration PRTs

Secondary Standards PRTs

If you're using your reference PRTs in a dry block, furnace, or are calibrating often at points above 500°C, you know it greatly reduces the life span of your probes. These PRTs designed by Fluke Calibration are the first we've ever seen designed for consistent use at high temperatures.

Each probe is supplied with a certificate of calibration including all ITS-90 constants, ready to program into your metrology thermometer. These are ideal companion products to any of the precision thermometers. Standard sizes are listed below, custom sizes are available.

5606 Full Immersion PRT

- 5606: -200°C to 160°C
- Calibration Accuracy of ± 0.05°C
- Transition Junction and Lead Wires can Withstand Full PRT Temperature Range
- Unique Probe Seal of 5606 Prevents Ingress of Moisture
- Calibration Not Included; NVLAP-Accredited Calibration Optional

Fast Response PRTs

- Time Constants as Fast as 0.4 Seconds
- Available as DIN/IEC Class A PRTs or with ITS-90 Calibration
- Small Probe Diameters Ranging from 0.5mm to 3.2mm



Download the Secondary Standards PRTs Datasheet



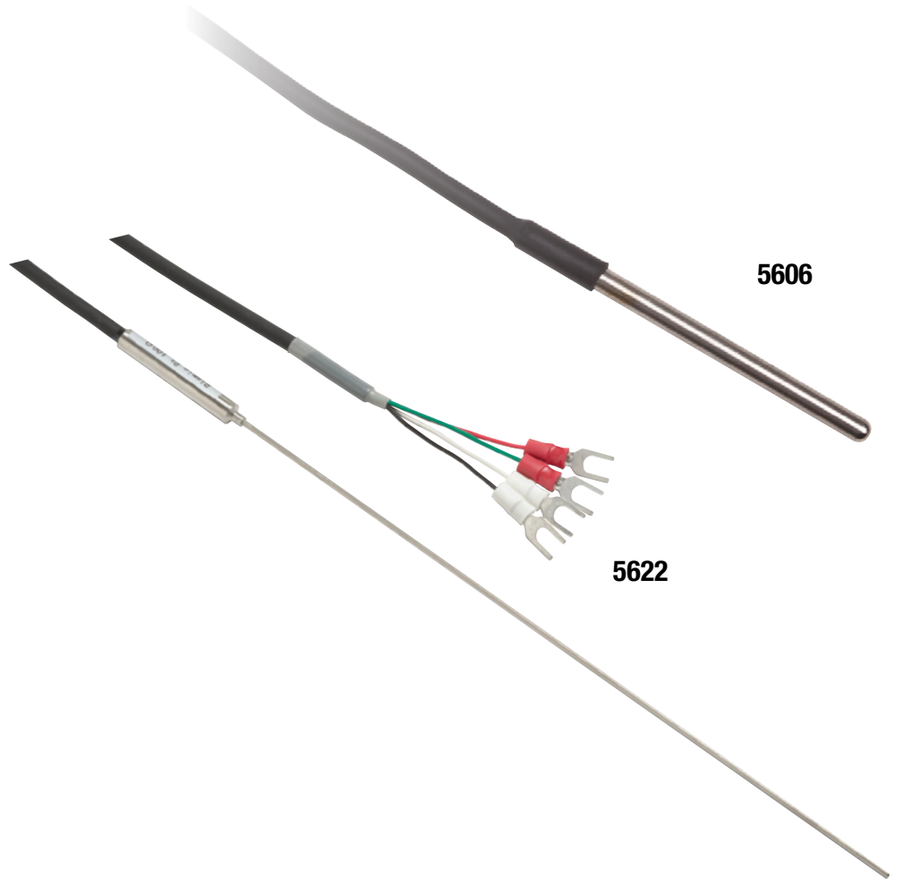
Download the 5606 & 5607 Datasheet



Download the Fast Response PRTs Datasheet



1526



5606

5622

Shop Fluke Calibration PRTs

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Additel 260EX

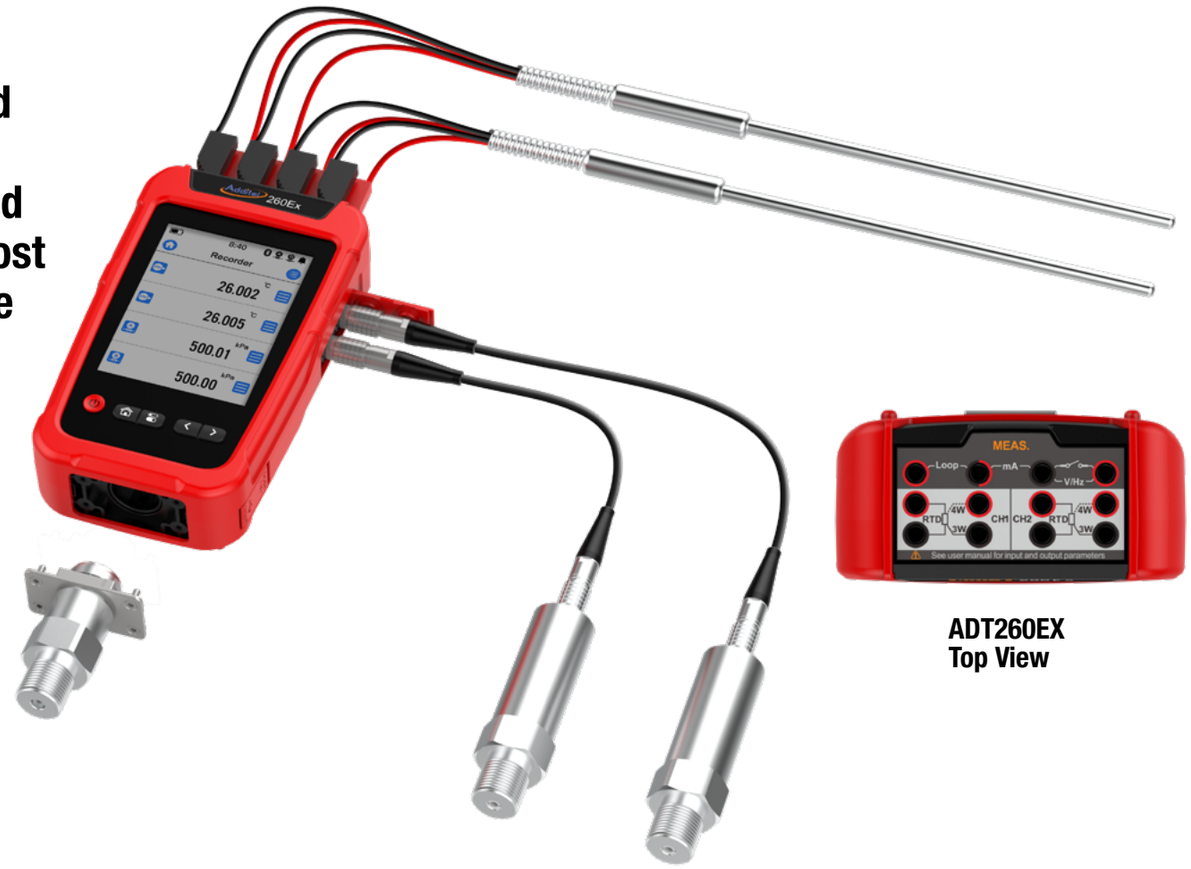
Handheld Multichannel Reference Recorders

Additel's 260EX is a handheld multichannel reference recorder with 8 channel combinations that support the measurement and datalogging of pressure, temperature, barometric pressure and electric signals. The ADT260EX's powerful logging capability and high-level ex-proof certification make it a perfect fit for your most demanding environments, but also a highly flexible device in the laboratory as well.

- Up to 6 Measurement Channels
- Intrinsically Safe
- Field Switchable Pressure Module
- Built-in Barometer
- Color Touchscreen Display
- Intuitive Smartphone Like Interface
- Bluetooth and USB Communication
- Onboard Storage - 10 Million Records
- Communicates with Additel's Link Mobile App

Learn More about the 260EX:

- **https://youtu.be/9dVTvS3nL5s**



ADT260EX Top View



Download the 260EX Datasheet

Shop Additel 260EX

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Calibration Precision Thermometers

High accuracy, Intrinsically Safe electronic thermometer designed to serve as a replacement for mercury-in-glass thermometers.

- Range from -112° to 572°F
- ± 0.05° C Accuracy Over Full Range (± 0.09°F)
- Temperature Trend Indicator
- User Selectable Resolution (0.1, 0.01, 0.001)
- Large LCD Display with Backlight
- 300 Hour Battery Life
- NVLAP Accredited Calibration (NIST Traceable)
- Intrinsically Safe (ATEX Compliant)



Download the 1551A & 1552A Datasheet



1551A

1552A

Shop Fluke Calibration Precision Thermometers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Extech Hygro-Thermometers

Big digit alarm and remote probe.

- Probe Clips onto Meter or Extends on 18" (457mm) Cable
- Max/Min with Reset Function
- Rear Calibration Adjustment Pot
- Humidity: 10 to 99% RH
- Temperature: 14° to 140°F (-10° to 60°C)
- Accuracy: ±4% RH; ±1°C / 1.8°F
- Optional NIST Traceable Certificate
- Additional Features (445815 Only)
- High and Low Adjustable Humidity Alarm Points
- Dew Point Display
- LED Illuminates and Alarm Sounds if Humidity Exceeds High or Low Limit



Download the 445715 Datasheet



Download the 445815 Datasheet



Download the 445703 Datasheet



Download the RH550 Datasheet

Learn More about the RH550:

- https://youtu.be/ZfvymM2dJ8k

445815

445715

42280A

445703

RH550

Shop Extech Hygro-Thermometers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke IR and Contact Thermometers

IR Thermometers

Take measurements from a safe distance with the Fluke Infrared Thermometer. Don't get burned by a motor, or have hot and cold air blowing in your face from your HVAC system or blowers while taking measurements. You can trust in Fluke infrared thermometers to get accurate temperature readings from a safe distance.

Contact Thermometers

Fluke 50 Series II contact thermometers offer fast response and laboratory accuracy (0.05% + 0.3°C) in a rugged, hand-held test tool.



Download the 59MAX & 59MAX+ Datasheet



Download the 62MAX & 64MAX Datasheet



Download the 561 Datasheet



Download the 566 Datasheet



Download the 568EX Datasheet



Download the 572-2 Datasheet

Learn More about Fluke Thermometers:

- **https://youtu.be/8EKXnNOPBoo**



Download the 50 Series II Datasheet

Shop Fluke Thermometers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Extech Wide Range IR Thermometers

Non-contact IR thermometers measure up to 1832°F.

- Range: -58° to 1200°F (42510A), -58° to 1832°F (42545)
- Laser Pointer Identifies Target Area
- °F / °C Switchable
- Backlit Display
- Automatic Data Hold
- Three Year Warranty
- Includes 9V Battery and Case





Download the 42510A Datasheet

Download the 42545 Datasheet

Download the 42570 Datasheet

Download the IR400 Datasheet

Shop Extech IR Thermometers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Thermal Imagers and Infrared Cameras

Temperature can be a sign of trouble ahead. With Fluke thermal cameras you can detect issues before they become problems. Designed for everyday use, in the toughest industrial environments, Fluke offers infrared cameras for a wide range of applications.

Handheld thermal cameras are best for preventive maintenance, electrical inspections, and frontline troubleshooting. While articulating thermal cameras are best for when you need pinpoint accuracy from both near and far, from electrical utilities to research and development. And mounted thermal cameras are the strongest in the bunch, ideal for research, science and engineering applications allowing for continuous infrared data collection.



Download the TiS60+ Datasheet

Download the Ti300+ Datasheet

Learn More about the PTi120 9Hz 400C:

- https://youtu.be/-Cz0_IkHmT4

Download the TiS55+ & TiS75+ Datasheet

Download the Ti401 PRO, Ti480 PRO, TiX501 & TiX580 Datasheet

Download the PTi120 Datasheet

Shop Fluke Thermal Imagers and Infrared Cameras

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

FLIR with IGM™ (Infrared Guided Measurement)

DM826 Industrial Thermal Imaging Multimeter with IGM™ and METERLiNK

- Safely Identify Where Hazards Might be Before Contact is Ever Made with IGM™ (Infrared Guided Measurement) and MSX® (Multi-Spectral Dynamic Imaging)
- High-Performance 160 x 120 IR Resolution
- Capture and Store up to 30,000 Images and 100 Log Files
- Stream Live Data in Real Time from the DM286 to Your Mobile Device Using the METERLiNK® App

CM275 Clamp Meter with IGM™

- The FLIR CM275 Clamp Meter Brings the Power Infrared Guided Measurement (IGM™) Together with a Range of Electrical Measurement Features
- Scan Entire Targets for Electrical Issues with up to 160 x 120 Thermal Resolution
- Use Advanced Electrical Features Including VFD Mode, True-RMS, and LoZ

MR277 Moisture Meter, MSX IR Camera and Hygrometer

- Clearly See Areas of Concern with a High-Performance 160 x 120 Thermal Imaging Sensor
- Quickly Scan for Moisture with the Integrated Non-Invasive Pinless Sensor
- Easily Identify Both the Context and the Issue with MSX, which Embosses Visual Details on Full Thermal Images

TG165-X Spot Thermal Camera

- 24:1 Spot Size Ratio for Safer Distance Measuring
- High-Temperature Filter Allows Camera to Measure and Image Temperatures: -13°F to 572°F TG165-X
- Visible Spectrum 2M Pixel Digital Camera
- Laser Pointer and Cross-Hair Display for Easy Targeting of Measurement Spot

Learn More about FLIR IGM™:

- **https://youtu.be/fQC32YaT38s**



MR277 DM286 CM275 TG165-X

Shop FLIR IGM™ Products

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

FLIR ONE® Series and Cx-Series
Thermal Cameras

FLIR ONE® Series for Android/iOS Smartphones

- The FLIR ONE® Legacy Models Connect Directly into your Smartphone. The New FLIR ONE® Edge Pro Wirelessly Connects to Your Mobile Device - Android or iOS
- Up to 160 x 120 IR Resolution
- Temperature Range from -4°F Up to 752°F
- MSX® Enhances Thermal Image Detail
- Ruggedized Design
- OneFit™ Adjustable Connector to Fit with Almost Any Phone Case

Cx-Series Compact Thermal Cameras

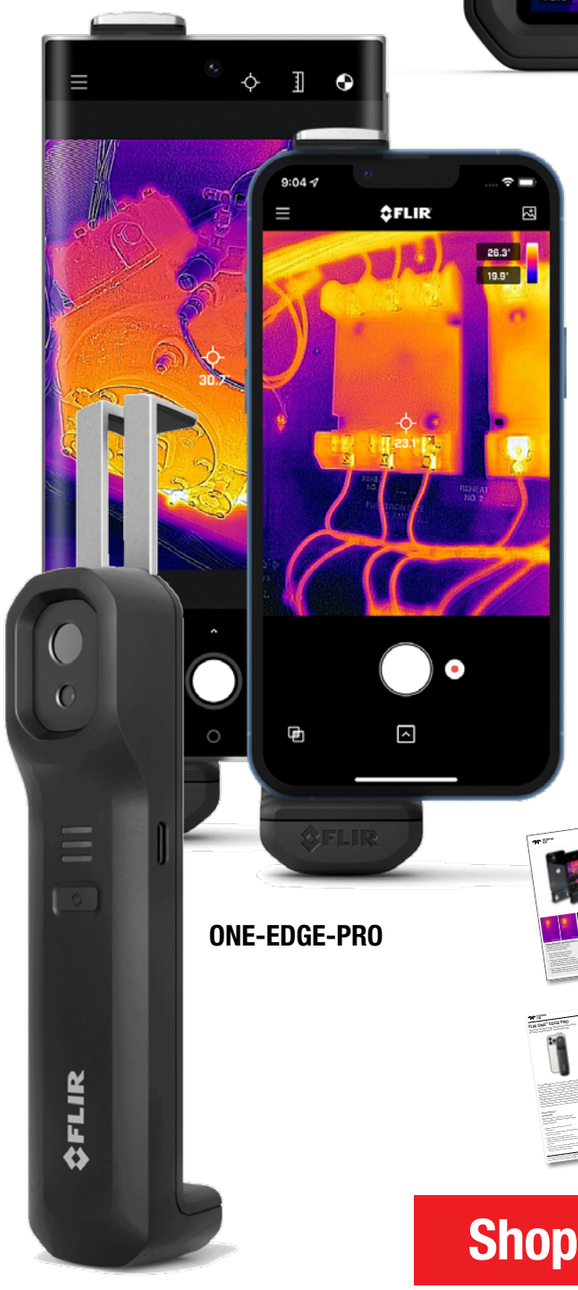
- Identify and Troubleshoot Problems Faster with the 160 × 120 True Thermal Imager and 5-Megapixel Visual Camera
- Save Time on Manual Thermal Adjustments Using 1-Touch Level/Span, which Auto-Adjusts the Level and Span in an Area of Interest with One Touch
- Instantly Recognize the Location of a Temperature Issue with FLIR MSX® (Multi-Spectral Dynamic Imaging), which Uses Scene Details from the Built-In Visual Camera and Embosses them onto the full Thermal Image
- Temperature Range from -4°F to 752°F

Learn More about the ONE Edge Pro:

- **https://www.youtube.com/watch?v=kszSJUmaldA**



C5



ONE-EDGE-PRO



Download the C3-X Datasheet



Download the C5 Datasheet



Download the ONE PRO Series Datasheet



Download the ONE Edge Pro Datasheet

Shop FLIR Thermal Cameras

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

FLIR Ex-Series

Thermal Imaging Cameras with MSX® and Wi-Fi

The Ex-Series has models featuring up to 320 x 240 IR resolution and temperatures to 1022°F. Perfect for building, electrical and mechanical applications, the Ex-Series powerful, cost-effective, and easy-to-use.

- Fully Automatic and Focus-Free
- Accurately Measure Your Target Using Center Spot or Max/Min Area Box
- Simple Button Navigation to On-Screen Settings, Imaging Modes, and Measurement Tools
- Activate MSX to Enhance IR Images with Visual Detail for Better Perspective and Interpretation
- Wi-Fi Connectivity to Mobile Devices Via the FLIR Tools Mobile App
- Lightweight (1.2 lb / .0575kg) and Withstands 2-Meter Drop Test
- Display: up to 3.5" Color LCD
- On-Board 640 x 480 Digital Camera
- Easy-to-Use, Weighs Only 1.2lbs



E8-PRO

Learn More about the E8-PRO:

- https://www.youtube.com/watch?v=IHKngwXZcuc



Download the E8-PRO Datasheet



Download the Ex-Series Datasheet

Shop FLIR Ex-Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

FLIR Exx-Series
Advanced Thermal Imaging Cameras

The FLIR Exx-Series offers a range of full-featured handheld cameras fit for every budget.

- Interchangeable, Auto-Calibrating Lenses Including 14°, 24°, & 42°. Also Compatible with the FlexView™
- Up to 464 x 348 (161,472 Pixels) IR Resolution
- Our Best MSX® Image Enhancement Adds Depth and Detail to Images
- Accuracy: ±2°C (±3.6°F) or ±2% of the Reading
- 1–4x Continuous Digital Zoom
- Built-In 5 MP Visual Camera with Fixed Focus, and Built-In LED Light
- 640 × 480 Pixels (VGA) Dragontrail® Touchscreen Display



Download the Exx-Series Datasheet

Learn More about the Exx-Series:

- **https://youtu.be/AeFXmlgxk1M**



Shop FLIR Exx-Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

FLIR T-Series
Professional Thermal Imaging Cameras

T500 Series Professional Thermal Imagers

- 180° Rotating Optical Block And Vivid 4” Capacitive Touch Screen
- Up to 640 x 480 Pixel Native Resolution (307,200 Points of Measurement)
- Share Lenses Across Your Fleet of Cameras Thanks to AutoCal™ Optics
- Choose from any Combination of 14°, 24°, 42°, or the Brand New FlexView™ DFOV 24° & 14° Lens

T800 Series Panel Mounted Thermal Imagers

- Scan Outdoor Equipment from a Safe Distance Using the Integrated Eyepiece Viewfinder
- Reduce the Strain of Full-Day Inspections with the 180° Rotating Optical Block
- Share Lenses Across Your Fleet of Cameras Thanks to AutoCal™ Optics

1K HD Thermal Imaging Cameras

- 1024 x 768 Resolution 30Hz with Choice of 12°, 28°, or 45° Lens
- The FLIR OSX Precision HDIR Optical System Lets You Take Accurate Measurements from 2x as Far Away
- Continuous Auto-Focus Mode Keeps Pace with Your Movements

FlexView(TM) Dual Field of View Lens

- Switch FOV with the Press of a Button Instead of Exchanging Lenses in the Field
- Save Time and Space with One Lens, Two FOVs for the Same Job
- Run Efficient, Accurate Inspections in the Field with Less Risk of Missing Anomalies



T530



T840

Featuring FlexView™ Dual Field of View Lens



T1020



Download the T500 Series Datasheet



Download the T800 Series Datasheet



Download the T1K Series Datasheet

Shop FLIR T-Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

FLIR Si-Series

Industrial Acoustic Imaging Cameras

The FLIR Si-Series is an easy-to-use, stand-alone system for locating pressurized leaks in compressed-air systems and display partial discharge problems in high-voltage electrical systems. This lightweight, one-handed solution is designed to help maintenance, manufacturing, and engineering professionals identify leaks up to 10 times faster than with traditional methods.

- Quickly Locate Leaks and Automatically Upload, Analyze, and Classify Problems to Improve the Reliability in Production Lines
- Available in Additional Models which Include a Cordless Battery Option: the Si124-LD for Leak-Detection Applications, or the Si124-PD for Electric Utility Applications
- Locate Leaks Precisely, Even in Loud Industrial Environments, Thanks to High-Resolution Acoustic Images and 124 Built-In Microphones
- Extend Compressor Life by Eliminating Wasted Output
- Classify Partial Discharge Type (Including Surface Discharge, Floating Discharge, and Discharge Into Air) to Improve Reliability of Electrical Systems
- Identify Corona Discharge, Even in the Daytime, Allowing Quick Replacement of Defective Components Before a Catastrophic Failure



Choose from One of Our Four Models:
Si124
Si124-PD
Si124-LD
Si124-LD-PLUS

Learn More about the Si-Series:

- **https://www.youtube.com/watch?v=j0UbluZNixk**



Download the Si124 Datasheet



Download the Si124-LD-PLUS Datasheet

Shop FLIR Si-Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke RSE300/C and RSE600/C
Infrared Cameras

Mounted infrared cameras for research, science and engineering.

- Matlab® and Labview® Software Compatibility Allows Users to Integrate Infrared Data, Images and Videos to Support R&D Analysis
- 320X240 and 640X480 Resolution Options
- See the Details You Need with Optional Smart Lenses: 2X and 4X Telephoto, Wide Angle and Macro Lenses
- Optimize Images, Generate Customizable Reports and Export Images to the Format of Your Choice with Smartview® Desktop Software
- Eliminate Potential for Mis-Diagnosis with Automatically Focused Images Throughout Your Field of View with Multisharp™ Focus



Download the RSE300/C & RSE600/C Datasheet



RSE600/C

RSE300/C

Learn More about the RSE300/C and RSE600/C:

- **https://youtu.be/j74ZVf9bERY**

Shop Fluke RSE300/C and RSE600/C

NEW

FLUKE

Fluke TV30 Series

Stand-Alone ThermoView Thermal Imager

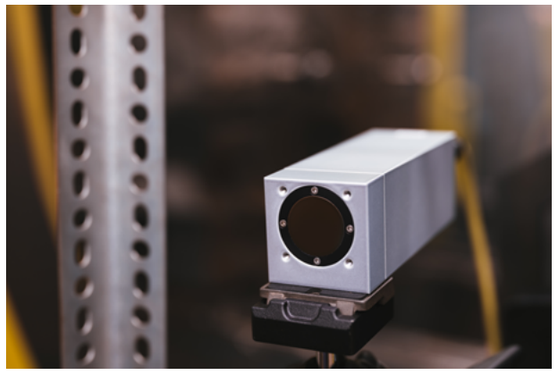
Unrestrained, resilient, and completely customizable. Monitor temperatures in severe environments without the need for vulnerable computer equipment. With multiple areas of interest (AOIs) and a rich feature set of on board field bus protocol options, the Thermoview TV30 thermal imager detects abnormalities with flexible precision.



- Set up Multiple Areas of Interest, Monitor Your Process, and Access On-Board Analytics of the Fixed Thermal Imager Through a Web Browser
- Measurement Range of -10 to 1300 °C (14 to 2372 °F)
- Accuracy Down to ±2 ºC or ±2 % (Reading)
- IP67 Rating
- The Fixed Thermal Imager's Small Footprint Allows for Easier Installation
- Multiple Fieldbus Options Simplify Integration with Your Existing Process Controllers and External Devices
- Continuously Monitors Assets, Identifies Defects, and Sets up Alarms When any Anomalies are Detected

Learn More about the TV30 Series:

- **https://youtu.be/2oiw9Z0E-jw**







Download the TV30 Series Datasheet

Shop Fluke TV30 Series ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE

Fluke ii900 & ii910
Sonic Industrial Imagers

These industrial imagers offer a new way to locate issues using sound. They are intuitive, simple to use tools that can isolate the frequency of leaks or vacuums, even in extremely noisy production environments.

- Do More with the Same Air Compressors – Delay the Capital Expense of Installing an Additional Compressor
- Easy, Fast and Safe Detection of Partial Discharges & Leaks (ii910)
- Ensure Proper Air Pressure to Your Pneumatic Equipment
- Lower Energy Costs
- Reduce Leak Detection Time
- Improve Reliability in Your Production Line
- Make Leak Detection Part of Your Typical Maintenance Routine
- Train the Team in a Matter of Minutes
- Validate Repairs on the Spot



Download the ii900 & ii910 Datasheet

Learn More about the ii900 & ii910:

- **https://youtu.be/JXXXMkYdU7Y**



ii900

ii910





Shop Fluke ii900 & ii910

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke CV Series ClirVu® and IR Windows

IR Windows

CV Series ClirVu®

- Save Time with Quick and Easy Installation
  - 5 Minutes or Less
  - One Technician, One Hole with Standard Greenlee® Punch
  - Panel Door Does Not Need to be Removed
  - Grounds Instantly to Metal Enclosure with Patent-Pending AutoGround™ Process
  - Maintains Panel Arc Test Ratings up to 63kA when Properly Installed
- Convenience of Both Quick Turn or Security Keyed Access
- Torture Tested™ to the Highest Arc Blast Test Ratings
  - IEEE C37.20.7: 63 kA Arc Tested at KEMA, UL 50/50E/50V, UL1558, IEC60529-1: IP67, IEC 60068, NEMA 4/12, CSA C22.2 NO. 14-13:2012, and CE
- Fluke IR Windows Offered in Three Sizes 50mm, 75mm and 95mm (2", 3" and 4")
- Work Permit Requirements and NFPA 70E Processes are Significantly Reduced
- Full PPE is Often Not Required so Inspections are Done Faster and More Comfortable

IR Windows

- Fluke IR Windows Feature the Exclusive ClirVu® Optic Giving You a Clear, Unobstructed View
- IR Windows Provide Increased:
  - Perform IR Scans Without Opening Enclosures - Virtually Eliminating Arc Flash Risk
  - Scan a Panel in 5 Minutes, not 30 Minutes. No Panel Cover Removal/Replacement
  - Inspect More Often, on Your Schedule - with Instant Access



CV300

FLK-075-CLKT



Download the CV Series ClirVu® Datasheet



Download the C-Range IR Windows Datasheet

Shop Fluke IR Windows

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

FLIR IRW Series
Infrared Windows

FLIR IR Windows for Safer Electrical Inspections.

- Enables Successful Thermographic Inspection of High-Voltage/Current Electrical Environments
- Minimizes Inspection Time/Cost and Reduces the Chance of Injuries Compared to Other Inspection Methods
- Rugged Anodized Aluminum Frame or Stainless Steel Frame with Permanent Hinged Cover - No Loose Parts
- Broadband Calcium Fluoride (Caf2) Crystal - Suitable for Visual, Thermal and Fusion Inspections
- Optic Max Temperature: 2474°F (1355°C)
- Doesn't Affect Integrity or Environmental Ratings of the Cabinets/Enclosures
- Simple 3-Step Installation with No Screw Hole Drilling Required. Window Size Matches Standard Knockout Punch
- Limited Lifetime Warranty Against Manufacturer Defects
- Meet IP2x Standard for Safe Maximum Hole Size (Rectangular Models)
- Proven Compatibility with Acids, Alkalis, UV, Moisture, Humidity, Vibration, and High Frequency Noise and Fail-Safe Design

Learn More about the IRW Series:

- **https://youtu.be/klO6doAd8T4**

Circular Windows: IRW-XC





Rectangular Windows: IRW-XPC/XPS



Download the IRW Series Datasheet

Shop FLIR IRW Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SECTION D
ELECTRICAL TEST

Make Sure Your Instrument is
CALIBRATED BY TRANSCAT®

- Clamp-On Meters
- Ground Resistance Testers
- Insulation Testers
- Multimeters
- Power Analyzers
- Voltage Detectors

Visit Transcat.com for a Detailed List

Clamp Meters D4-D6
Clamp-Ons D6, D18-D19
Continuity Testers D9, D28
Current Clamps D4
Current Probes D4, D7
Current Testers D9
Data Loggers D34
Digital Low Resistance Ohmmeters D12
Earth Ground Testers D18
Electrical Measurement Window D27
Electrical Testers D9
Ground Bond Testers D29
Ground Resistance Testers D17-D21
Hipot Testers D29
Installation Testers D30
Insulation Testers D22-D26, D28
Megohmmeters D14-D16
Multimeters D2-D3, D25, D41
Ohmmeters & Micro-Ohmmeters D12-D13
Power Analyzers D31-D32
Power Quality D31-D39
Precision High Voltage Meter D11
Probes D7
Proving Units D8
Socket Testers D10
Wire Tracers D40-D41

Fluke Digital Multimeters (DMMs)

Fluke Digital Multimeters (DMMs) are on more tool belts, finding more problems, than any other test tools. Each industrial meter is tested to the extreme: drop, shock, humidity, you name it. Every Fluke Digital Multimeter gives you what you need: accurate measurements; consistent, reliable performance; attention to safety; and the strongest warranty available.



Download the 289 Datasheet



Download the 87-5 Datasheet



Download the 87V-MAX Datasheet



Download the 3000FC Datasheet



Download the 107-ESP Datasheet



Download the 279FC Datasheet

Learn More about Fluke DMMs:

- https://youtu.be/vN6KIwkHagY

289



FLUKE CONNECT

87-5



87V-MAX



3000FC



FLUKE CONNECT

107-ESP



279FC



FLUKE CONNECT

Shop Fluke Digital Multimeters ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

KEITHLEY
A Tektronix Company

Keithley Multimeters

DMM6500

- 15 Measurement Functions
- LED Backlight
- Large Internal Memory Store up to 7 Million Readings
- Standard USB TMC and LXI/Ethernet Communication Interfaces
- Optional User Installable Communication Interfaces Including GPIB, TSP-Link® and RS-232

DMM7510

- 14 PPM Basic One-Year DCV Accuracy
- 100mV, 1Ω, and 10µA Ranges Offer the Sensitivity Needed for Measuring Low Level Signals
- Make Accurate Measurements with Offset Compensated ohms, Four-Wire, and Dry Circuit Functions
- Capture and Display Waveforms or Transients with 1MS/sec Digitizer

DMM7512

- Sample Complex Waveforms with the 1Msample/s, 18-bit Digitizer; Store up to 27.5 Million Readings
- Test Components Used in Low Power Circuits with 0.1µΩ and 1 pA Sensitivities
- Maximize Test Quality with High Test Uncertainty Ratios Using 1-Year Accuracy DC Volts as Good as 14 ppm

2110

- 15 Measurement Functions, Including Capacitance and Thermocouple Measurements
- Dual-Line Display
- Choice of USB Only or USB+GPIB Interfaces
- Includes PC Software Utilities for Both Microsoft Word and Excel

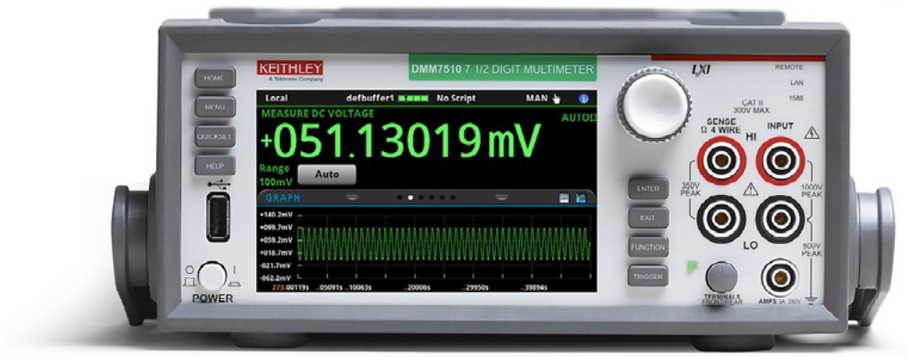
2100

- High Precision 6.5-digit DMM for Critical Measurements at a 5.5-digit Price
- 11 Measurement Functions Cover Most Commonly Measured Parameters
- Fully Specified Accuracies on All Functions for ISO -Compliant Results
- Rugged Construction for Durability in Bench/Portable Applications

2010

- High Precision 6.5-digit DMM for Critical Measurements at a 5.5-digit Price
- 11 Measurement Functions Cover Most Commonly Measured Parameters
- Fully Specified Accuracies on All Functions for ISO -Compliant Results
- Rugged Construction for Durability in Bench/Portable Applications

DMM7510



DMM7512



Download the DMM6500 Datasheet

Download the DMM7510 Datasheet

Download the DMM7512 Datasheet

Download the 2110 Datasheet

Download the 2100 Datasheet

Download the 2010 Datasheet

Shop Keithley Multimeters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Current Clamps

If you already think that your multimeter is the most versatile tool you own, consider how moving beyond the standard current probe can expand your multimeter's functionality. Fluke current clamps for Fluke multimeters can allow your existing multimeter to measure up to thousands of amps, safely. By reducing the actual measured current by a fixed ratio, Fluke current clamps give you increased versatility without sacrificing accuracy.


Download the i3000s Datasheet


Download the i2000 Flex Datasheet


Download the i800 Datasheet


Download the i1010 Datasheet


Download the 377 FC & 378 FC Datasheet


Download the 393 FC Datasheet


Download the 365 Datasheet


Download the 381 Datasheet


Download the 370 FC Series Datasheet

Learn More about Fluke Current Clamps:

- https://youtu.be/dYH-knvQhJU



Shop Fluke Current Clamps

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Clamp Meters

The Fluke digital clamp meter is a workhorse tool for everyday use. These amp clamp meters are designed for noise-free, reliable readings. With advanced performance, the current clamp line is designed to be simple-to-use, grab and go tools, perfect for tight, compact spaces or getting readings from panels that are out of reach or getting around extra-large conductors.



Download the 1630-2-FC Datasheet



Download the 377 FC & 378 FC Datasheet



Download the 381 Datasheet



Download the 393 FC Datasheet

Learn More about Fluke Clamp Meters:

- https://youtu.be/_rwklAdmR4s



Download the i800 Datasheet

Shop Fluke Clamp Meters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AEMC® Instruments 205/405/605 & 407/607
Power Clamp-On Meters

Be more confident about safety when using our meters that are rated at 1000V CAT IV. Easily generate reports to communicate results with included DataView® software

205/405/605

- Measures Up to 2000Aac and 3000Adc (Model 605)
- Measures All Types of InRush Even Those Due to Load Increases On an Installation Which is Already Up and Running (Models 405 & 605)
- UL 94 VI Flame Retardant Self-Extinguishing
- Measures up to 1000VAC (1400V Peak), 1000VDC and AC+DC with Resolution to 10mV (Models 405 & 605)
- True InRush® Current Measurement with 100mS Capture
- Measures Single- and Three-Phase Power (Real, Reactive and Apparent) Up to 3MW with Resolution to 1W (Model Dependent)

407/607

- UL 94 VI Flame Retardant Self-Extinguishing
- Available with Android App and Bluetooth Communication
- Single- and Three-phase Power Measurements for Watts, VARs and VA Including Min and Max Tracking (Models 405, 605, 407 & 607)
- Up to 1000 Data Logging Measurements Stored
- Measures Up to 1000Vac (1400V peak), 1000Vdc and AC+DC with Resolution to 10mV
- Measures up to 2000AAC and 3000ADC (model 607)
- Measures W, VA, var and PF for Single- and Three Phase Balanced Systems
- True InRush® Current Measurement with 100mS Capture

Learn More about the 400 & 600 Series Clamp Meters:

- **https://youtu.be/Le97J3iW7vM**



IP 54 Rated

*Model 205 is IP40



Download the Clamp Comparison Chart

Shop AEMC® Clamp Meters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Fluke i310s and i30/i30s
Current Probe and AC/DC Current Clamps

i310s

- Current Ranges: 30A and 300A ACRMS or ±45A and 450A DC
- Measuring Ranges: ±45A and 450A DC
- Output Sensitivity: 10 mV/A (40A) to 1 mV/A (400A)
- Resolution: ±50 mA (40A) to ±100 mA (400A)
- Load Impedance: > 10K Ohms and £ 100 Pf
- Frequency Range (Small Signal): DC to 20 Khz (- 3 Db)
- Phase Shift Below 1 Khz, < 2 Degrees
- Temperature Coefficient: ±0.1% of Reading/°C
- Power Supply: 9V Alkaline

i30 and i30s

- Superior Noise Rejection for Power Electronics Applications
- Wide Bandwidth and Low Phase Shift
- Typical Applications Include Invertors, Switch Mode Power Supplies and Industrial Controllers Requiring Current Measurement and/or Waveform Analysis
- i30 Connects to Multimeters via Dual Banana Plug
- i30s Connects to Oscilloscopes via Safety BNC, to Multimeters via BNC-4MM Adapter Supplied
- Measures Currents up to 30A with 1mA Resolution





Download the i30 Datasheet



Download the i310s Datasheet



Download the i30s Datasheet

Shop Fluke Current Clamps & Probes

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke PRV240
Proving Unit

The Fluke PRV240 Proving Unit is a portable, pocket-sized, battery-powered voltage source. It is unique in that it sources stable AC and DC voltages for both LoZ and HiZ instruments.

- The PRV240 Reduces the Risk of Shock and Arc Flash by Validating the Functionality of Test Tools Without Placing Yourself in a Potentially Hazardous Electrical Environment
- Sources Both AC and DC Steady-State Voltage — Supplies 240 V DC/AC
- A Single LED Indicates Functionality, Making this Unit a Simple-to-Use Solution for Complying with TBT Verification of Your Test Tool
- Compatible with Both High Impedance or Low Impedance Multimeters, Clamp Meters or Two Pole Testers
- Voltage is Sourced Through Recessed Contacts that are Activated When Tested Probes are Inserted to Avoid Accidental Contact
- Includes Tpak™ Magnetic Hanging Strap
- Long Battery Life — 5,000 Tests Per Set of Four AA Batteries







Download the PRV240 Datasheet

Shop Fluke PRV240 ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Electrical Testers

T5-600/1000 Voltage/Continuity/Current Testers

- Unique Open Jaw™ Construction
- AC/DC Volts, AC Current, Resistance
- 1,000V or 600V Versions
- Checks Current without Breaking Circuit
- Detachable Slim-Reach™ Customized Probe Tips
- Frequency Response 45 to 440 Hz
- Continuity Beeper <25Ω
- Auto Off Mode
- T5-1000: CAT III 1000V, T5-600: CAT III 600V Safety Rating

T6 Electrical Testers with FieldSense Technology

- Fieldsense Technology for ac Voltage, Current and Frequency Measurement Without Electrical Contact to Live Voltage
- Simultaneous Voltage and Current Display (T6-1000)—Shows All Power Supply Measurements at a Glance for Efficient Troubleshooting
- 1 to 1000 V ac or dc (T6-1000); 600 V ac or dc (T6-600)
- 0.1 to 200 A ac
- Resistance 1 Ω to 100 kΩ (T6-1000), 1 Ω to 2 kΩ (T6-600)
- Frequency Measurement 45 Hz to 66 Hz (T6-1000)
- T6 1000 PRO Additional Features
- Simultaneous Voltage and Current Display–Save Time by Seeing Voltage and Current Measurements at the Same Time

T+PRO Electrical Tester

- Three Forms of AC/DC Voltage Detection: Lights, Beeper, and Vibration
- Still Indicates Live Voltage without Battery Power
- Extra Heavy-Duty, Replaceable Test Leads
- CAT IV 600V, CAT III 1,000V Rated
- Continuity Beeper, GFCI Trip, Flashlight
- Resistance, Phase Rotation and Display Hold
- Elimination of Ghost Voltage
- Hazardous Voltage Warning Light
- AC/DC Voltage: 12V – 600V on LED bar, 10.2V – 600V on LCD
- LCD Resolution: 0.1V for Voltages < 50V,1V for Voltages ≥ 50V Auto-Off
- Two-Year Warranty











Download the T5-600 Datasheet



Download the T5-1000 Datasheet



Download the T6 Datasheet

Shop Fluke Electrical Testers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE

Fluke ST120 & ST120+
Socket Tester with GFCI Test

The Fluke ST120+ GFCI Socket Tester with beeper and the ST120 GFCI Socket Tester checks that each wire in the outlet is properly connected to the building's electrical system.

- Fast Visual Identification of all 6 Wiring Conditions
  - Correct Installation
  - Open: Ground, Neutral, Hot
  - Hot/Neutral Reversed
  - Hot/Ground Reversed
- Audible Alert Helps You Work Faster, Safer (ST120+)
- One-Button GFCI Tests
- Rated Operating Voltage: 110V AC to 125V AC
- Rating: 300 V CAT III



Download the ST120 & ST120+ Datasheet



ST120

ST120+



Shop Fluke Socket Testers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Vitrek 4700
Precision High Voltage Meter

Vitrek's DSP technology delivers outstanding AC and DC voltage measurement accuracy, stability, repeatability and resolution.

- Calibrates Hipot Testers, HV Power Supplies and Insulation Testers
- Basic Accuracy - 0.03% DC and 0.1% True RMS AC
- Color Touch Screen - Makes for Easy Measurement Selection and Display
- PC Connectivity with Standard Ethernet, Serial, USB Printer Port & Optional GPIB
- Chart Mode Stores 300 Readings to Document HV Source Drift, Ramp Time, Overshoot and Sag
- Dual Inputs Provide Differential or Phase to Phase Voltage Measurement
- High Speed DSP Provides up to 60 Filtered Readings Per Second
- True RMS AC Measurement from 0.01Hz to 600Hz - Covering VLF to Aviation Frequencies
- AC Noise Rejection 78dB - for Rock Solid, 6 Digit DC Measurements
- Optional Lithium-ion Battery Pack goes Up to 11 Hours Between Charges
- CE Mark Certified to EN61010
- Three Year Extended Warranty



Learn More about the 4700:

- https://youtu.be/kN_ce6-Rs2c



4700 Probes



Download the 4700 Datasheet

Shop Vitrek 4700

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW Megger

Megger® DLRO2 & DLRO2X

Ducter™ Low Resistance Ohmmeters 2 Amp

The DLRO2 and DLRO2X are tough, hand-held 2 Amp low resistance ohmmeters. They're designed to provide fast, accurate, repeatable measurements, even in electrically noisy locations.

- New 'Difference Meter' for Quick Data Comparisons
- Use Long Leads at 1 A without Compromising Test Speed
- Up to 600 V Active Protection Against Inadvertent Live Connections without Blowing a Fuse
- Safely Test the Resistance of Inductive Loads at 1A
- Ideal for Outdoor Use with Protection Against Dust and Moisture to IP54
- Industry Standard Safety Rated at CATIII 600 V/ CATIV 300



Download the DLRO2 & DLRO2X Datasheet

Learn More about the DLRO2:

· https://youtu.be/3Xp0CQ5xPGk



DLRO2

DLRO2X

Shop Megger® DLRO2 & DLRO2X ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AEMC® Instruments 6255/6240/6292
Micro-Ohmmeters

Experience Unrivaled Precision and Reliability with Micro-Ohmmeters for Testing Low Resistance Values. Store, retrieve and analyze data and generate reports with included DataView® software.

- Test Current Selection from 10mA to 200A (Model Dependent)
- Tests up to 60 Minutes at 10A (Model 6255)
- Measure from 0.001mΩ (0.1μΩ Resolution) to 2,500.0Ω (Model Dependent)
- RTD Temperature Probe to Check Tested Sample (Optional) (Model 6255)
- Selectable Metal Types (Model 6255)
- Automatic and Manual Temperature Correction (Model 6255)
- EMF Levels Measured and Eliminated in Measurement
- Programmable Alarm Set Points (Model 6255)
- Selectable Inductive or Resistive Test Modes (Model 6255)
- Automatic Multiple Test Mode (Multiple Tests without Pressing the Test Button) (Model 6255)
- Local or Remote Test Setup (Model 6255)
- Internal Rechargeable Batteries - Conduct up to 5,000 10A Tests (Model 6255)
- High Accuracy 0.05% (Model 6255)
- 0.25% Accuracy and 1μΩ Resolution (Model 6240)
- Simple One Button “Press-To-Start” Operation and Large, Easy-to-Read Display

Learn More about the 6240:

- **https://youtu.be/C8_kFqwYajE**



6255

6240

6292

Download the 6255 Datasheet

Download the 6240 Datasheet

Download the 6292 Datasheet

Shop AEMC® Micro-Ohmmeters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AEMC® Instruments 6550 & 6555
10 and 15kv Digital Megohmmeters

Advanced Insulation Testing Instruments for Safe and Accurate Assessments, Perfect for Rotating Equipment and Machinery Operating at High-Voltage

- Wide Measurement Range from 10kΩ to 30TΩ
- Fixed or Programmable Test Voltage from 40V to 10/15kv
- 5mA Charging Current
- Step Voltage Testing
- Ramp Voltage Testing
- Large, Backlit LCD Screen with Digital Display, Bargraph and Graphs of Resistance, Voltage and Current Measurements
- Automatic Calculation of DAR / PI / DD / R (PPM/V) Ratios
- Multiple Test Modes: Voltage Ramp and Step with "Burn-In", “Early Break” and “I-Limit” Modes
- 3 Filters to Optimize Measurement Stability
- Calculation of Resistance at a Reference Temperature
- Storage of 80,000 Measurements
- Optically-Isolated USB Communication for Transfer onto PC and Report Generation with the Dataview® Software



6550

6555

Learn More about the 6555:

· https://youtu.be/L--82Gz9Nmg



Download the 6550 & 6555 Datasheet

Shop AEMC® Megohmmeters ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AEMC® Instruments 5050/5060/5070/6505

5000V Digital/Analog & Graphical Megohmmeters

True Megohmmeters with test voltage up to 5,000V for testing large motors, generators, transformers, cables and large rotating machinery.

- 500V, 1,000V, 2,500V and 5,000V
- Insulation Measurements from 10kΩ to 10,000GΩ
- Programmable Test Voltage from 40 to 5,100V
- Automatic Calculation of DAR, PI and DD Ratios
- Measurement and Display of Capacitance and Leakage Current
- Display Resistance, Test Voltage and Run Time Valves
- Programmable Test Run Times and PI Ratio Times
- Automatic Temperature Correction (5070)
- Automatic Discharge and Display of Discharge Voltage
- Large Dual-Display with Time, Voltage and Measurements Shown (Models 5050 & 5060)
- Graphic and Digital Display of Test Voltage, Resistance and More (Model 5070)
- Programmable Test Voltage Lock-Out, Alarm Settings, Temperature Compensation and More
- Auto Power-Off When Not in Use
- AC or DC Powered with Rechargeable NiMH Batteries
- Rugged Dual Wall Weatherproof Field Case
- EN 61010-1, 1,000V CAT III
- Stores Up to 1500 Measurements





Download the Megohmmeter Comparison Chart (Hard-case)



Download the 5070 Datasheet



Download the 5050 & 5060 Datasheet



Download the 6505 Datasheet

Shop AEMC® Megohmmeters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AEMC® Instruments 6529/6522/6526/6534/6536
Handheld Megohmmeters

These compact, lightweight meters are ideal for testing cables, small motors, pumps, transformers and industrial equipment.

- Digital with Analog Bargraph, Alarm, Variable 10V to 100V, Ohm, Continuity, V, kΩ
- Selectable Test Voltages from 10 to 1000V (Model Dependent)
- Insulation Resistance Measurement Up to 200GΩ (Model Dependent)
- Automatic Discharge at the Completion of the Test
- Manual, Lock & Timer Test Modes
- PI/DAR Ratio Calculations (Model Dependent)
- Active Voltmeter Detects Live Voltage Prior to Starting a Test
- Automatic Test Inhibition if Live Voltage Above 25 Volts Detected
- Programmable Alarms with Pass/Fail Indication (Model Dependent)
- 200mA/20mA Continuity Measurement with Fuseless Active Protection
- Measures V (AC & DC), Hz, Ω, kΩ, Capacitance and Cable Length (Model Dependent)
- ΔRel Mode for Comparative Measurements Displayed as a Value or %
- Test Lead Compensation Eliminates Lead Resistance from Continuity Measurements
- Data Storage of Test Results (Model Dependent)
- Computer Report Generation of Test Results (Model Dependent)
- Insulation Measurement on Communication Cables, Ethernet Cables and Other Low Voltage AC and DC Wiring (Model 6532)
- Insulation Measurement on Electronic Components and Circuits (Model 6534)
- Special Applications in the Aerospace and Defense Sectors Where Specified Test Voltages are Required (Model 6536)
- Cables, Small Motors, Pumps, Transformers and Industrial Equipment
- True Megohmmeter® Testers Ensures Test Voltages Remain Constant Throughout the Test, Irrespective of How Low the Level of Resistance Is. Have Higher Confidence in Test Results!
- Dual Line Display to View the Insulation Value and Real-Time Test Voltage Simultaneously in an Easy-to-Read Format (Model 6529)
- DMR Mode - Relative Resistance Comparison to a Reference Value (Model 6529)
- Relative Measurement Function Allows Comparison of Measurements to a Known Reference to Quickly Identify Potential Problems (Model 6529)




Download the 6500 Series Datasheet


Download the 6529 Datasheet


Download the Megohmmeter Comparison Chart (Handheld)

Shop AEMC® Handheld Megohmmeters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AEMC® Instruments 6422/6424 & 4620/4630
Multifunction and Digital Ground Resistance Testers

Discover the Extensive Range of User-Friendly Ground Resistance Testers and Experience Unmatched Quality, Convenience, Safety and Reliability in Every Test.



6422/6424

Ideal for testing commercial, residential and light industry grounding systems.

- Simple, One Button Operation - Eliminates Testing Errors
- 2P Resistance / 3P Ground Resistance Measurement Up to 50 kΩ for Highly Resistive Terrain
- Stores the 3 Simplified F-o-P 52, 62 and 72% Measurements Along with Average and % Deviation – Easily Determine Proper Test Results (Model 6424)
- Automatic Hold Function - Retains Last Measurement After the Reading Stabilizes Ensuring the Measurement is Valid
- Test Button Turns Green when Measurement is Stable
- Large Backlit Digital Display – Easier to Read in All Lighting Conditions
- Automatic Test Frequency Selection Between 128 and 256 Hz, Providing Stable Results in Adverse Environments
- Powers Up in 2 Pole Mode – Automatically Checks the Injector Lead Connection when Connected to the H Auxiliary Rod
- Two Instruments in One – Test Ground and Bonds
- Low Cost, Great Performance and Feature Rich
- Automatic Frequency Adjustments – Improves Accuracy

4620/4630

Designed to reject high levels of noise and interference that affect accuracy. Complete Test Kits Available (150, 300 and 500 ft).

- Measures Soil Resistivity (4-Point)
- Measures Ground Resistance Fall-of-Potential Method (2- and 3-Point)
- Step Voltage Tests and Touch Potential Measurements
- Auto-Ranging: Automatically Selects the Optimum Range and Test Current
- Extremely Simple to Operate: Connect – Press – Hold – Read
- Color-Coded Terminals
- LED on Faceplate Informs Operator of High Input Noise, High Auxiliary Rod Resistance and Fault Connections
- Large Easy-to-Read Backlit Display
- Battery Powered (Model 4620)
- AC Powered with Rechargeable NiMH Batteries (Model 4630)
- Rugged Dustproof and Rainproof Field Case
- Can Also be Used for Continuity Tests on Bonding



Download the Ground Tester Comparison Chart



Download the 4620 & 4630 Datasheet



Download the 6422 & 6424 Datasheet

Shop AEMC® Ground Resistance Testers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AEMC® Instruments 6416, 6417 & 6418
Clamp-On Ground Resistance Testers

Provides high safety level with ground voltage indication feature. Quick and easy clamp-on operation - no leads, no auxiliary rods or spacing requirements.

- Ground Voltage Indication (Warns of Unsafe Conditions)
- Large Multi-Function Bright Yellow Organic Display (OLED). Usable in All Lighting Conditions
- Warns of Possible Loop Measurement
- Selectable Test Frequency (Improves Accuracy in Inductive)
- Clamping Diameter of 35mm with Large Jaw Design (6416, 6417)
- Rugged Lexan® Head and Body Construction Resists Breakage
- Storage of Measurements (Ω, A, Voltage, Impedance, & Alarm with Time-Stamping)
  - Model 6416 & 6418: Up to 300 Measurements Stored
  - Model 6417: Up to 2000 Measurements Stored
- Displays Stored Measurements on the OLED Display or via Bluetooth (Class 2- Communicates Up to 30ft) to a PC or Android App (Requires a PC with Bluetooth Capability) (Model 6417)
- Alarm Function with Adjustable Set Point and Buzzer for Quick Field Checks for Volts, Amps and Ohms (Model 6417)
- Real-Time Configuration, Display, Analysis and Report Generation with Included DataView® Software (Model 6417)

Designed for measuring ground impedance on ground rods and bus bars



IP 40 Rated

**Model 6417 only

*Model 6418 only

Learn More about AEMC® Ground Resistance Testers:

- https://youtu.be/OZ5yiBL8bL8



Download the 6416 & 6417 Datasheet



Download the 6418 Datasheet

Shop AEMC® Ground Resistance Testers ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Megger® DET14C & DET24C

Earth/Ground Clamp-On Resistance Testers

The Megger DET14C and DET24C represent a new generation of earth/ground clamp-on resistance testers. These instruments induce a test current into earth systems and measure ground resistance in multi ground installations without needing to disconnect the ground. They offer market leading access, advanced features, simple operation and CAT IV 600 V safety protection.

- Elliptical Clamp Shape Improves Access to Earth Cables and Straps up to 50 mm
- Low Maintenance Flat Jaw Interface
- Measures Ground Resistance from 0.05 Ω to 1500 Ω
- Measures True RMS Ground Leakage Current from 0.5 mA rms to 35 A rms
- CAT IV 600 V Safety Rating
- Backlit LCD Display

Learn More about the DET14C & DET24C:

- **https://youtu.be/zWUzc7MtRiQ**

DET14C

DET24C





Download the DET14C & DET24C Series Datasheet

Shop Megger® DET14C and DET24C ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 1623-2 and 1625-2 GEO
Earth Ground Testers

The Fluke 1623-2 and 1625-2 GEO Earth Ground Testers offer data storage and download capabilities via USB port. World class accessories will simplify and speed up testing time.

- 3- and 4-Pole Fall of Potential, Earth Resistance Loop Testing
- 4-Pole Soil Resistivity Testing
- Selective Earth Ground Rod Testing Using 1 Clamp
- Stakeless Earth Ground Rod Testing Using 2 Clamps
- IP56 Rated For Outdoor Use
- Rugged Carrying Case

In Addition, the Fluke 1625-2 Offers these Advanced Features:

- Automatic Frequency Control (AFC) - Identifies Existing Interference and Chooses a Measurement Frequency to Minimize its Effect, Providing More Accurate Earth Ground Value
- R Measurement – Calculates Earth Ground Impedance at 55 Hz to More Accurately Reflect the Earth Ground Resistance that a Fault-to Earth Ground Would See
- Adjustable Limits - for Quicker Testing



1623-2



1625-2





1625-2 Kit



Download the 1623-2 & 1625-2 Datasheet

Shop Fluke Earth Ground Testers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

AEMC® Instruments 6471 & 6472 & GroundFlex® Field Kit

Multifunction and Tower Ground Resistance Testers

Includes DataView® software for remote setup, data retrieval, real-time display, analysis, automatic report generation and system configuration.



6471 & 6472

High performance ground resistance, soil resistivity and bonding resistance testers.

- 2- and 4-Wire Bond Resistance/Continuity Measurement (DC Resistance) with Automatic Polarity Reversal
- Three Pole (3-Point) Fall-of-Potential Measurement with Manual or Automatic Frequency Selection
- 4-Point Bond Resistance for Very Low Resistance Measurements
- Three Pole (3-Point) Earth Coupling Measurement
- Ground Resistance Testing Using the 2-Clamp Method (No Auxiliary Rods Needed)
- Stores up to 512 Complete Test Results
- Manual & Automatic Frequency Scan from (41 to 5078) Hz for Optimum Test Accuracy in Electrically Noisy Environments (Model Dependent)

GroundFlex® Field Kit

Test transmission tower legs (individually and total) and overhead ground wires without de-energizing or disconnecting cables.

- Ground Integrity Measurement
- 3- and 4-Point Fall-of-Potential Measurement with Manual/Automatic Frequency Selection
- 2- and 4-Wire DC Resistance Measurement (Bond Testing) with Automatic Polarity Reversal
- 4-Point Soil Resistivity Measurement with Automatic Calculation of Rho (ρ)
- 3-Point Earth Coupling Measurement
- Automatic Frequency Scan from (41 to 5078) Hz for Optimum Test Accuracy in Electrically Noisy Environments
- Tests Leakage Current Through the Tower Legs and Tests at Frequencies Up to 5kHz to Profile Impedance (Important to Characterize for Lightning Strikes)



Download the 6471 & 6472 Datasheet



Download the GroundFlex® Field Kit Brochure

Shop AEMC® Ground Resistance Testers ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 1550C/1555
Insulation Resistance Testers

The Fluke 1555 and Fluke 1550C insulation resistance testers, offer digital insulation testing up to 10 kV, making them ideal for testing a wide range of high voltage equipment including switchgear, motors, generators and cables.

- Test Voltages Up to 10 kV and Save Time by Trending on the Spot Only With Fluke Connect™
- CAT III 1000 V, CAT IV 600 V Safety Rating
- Warning Function Alerts the User that Line Voltage is Present and Gives the Voltage Reading Up to 600 VAC or DC for Increased User Safety
- Measurements can be Stored in Up to 99 Memory Locations, with Each Location Assigned a Unique, User Defined, Label for Easy Recall
- Selectable Test Voltages in 50 V Steps From 250 V to 1000 V, and 100 V Steps Above 1000 V
- Long Battery Life Gives the User Over 750 Tests Between Charges
- Automatic Calculation of Dielectric Absorption (DAR) and Polarization Index (PI) with No Additional Setup
- Guard System Eliminates the Effect of Surface Leakage Current on High-Resistance Measurements

Learn More about the 1550C/1555:

- **https://youtu.be/hQR73Fdj5UQ**

1550C



1555

Now compatible with Fluke Connect™ Mobile App

Upgrade to FLUKE CONNECT



Download the 1550C/1555 Datasheet

Shop Fluke 1550C/1555

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Megger® MIT515, MIT525, MIT1025 & MIT1525

5 kV, 10 kV, 15 kV DC Insulation Resistance Testers w/ Data Storage

Smaller and lighter than previous models yet offer advanced features and rapid charge capability.

- Smaller Size and Lighter Weight Allows Easier Transport and Use without Compromising Performance
- High Measurement Range Enables Installation Testing and Long-Term Trending of Higher Value Apparatus
- High-Quality, Flexible Silicon Test Leads Meet Safety Regulations of IEC 61010-31:2008 While Ensuring Measurement Accuracy
- Unique Dual Case Design Allows for Fire-Retardant Protection While Maintaining Ruggedness
- Timed IR Plus PI, DAR, DD, SV and Ramp Tests Maximize Diagnostic Testing Capability
- Operate from Line Power When Battery Fully Discharged (Charges While Operating)
- Two and One-Half Hour Full Battery Charge Time (One-Half Hour Charge for One Hour Testing) Significantly Increases Productivity
- Up to Six Hours Continuous Testing (5 kV) on a Single Battery Charge









Learn More about Megger® DC Insulation Resistance Testers:

- https://youtu.be/KAtatm8Hzbg



Download the DC Insulation Resistance Testers Datasheet

Shop Megger® DC Insulation Resistance Testers ›

Megger® MIT400/2 Series

CAT IV Insulation Testers

The MIT400/2 Series insulation and continuity testers are designed for electrical and industrial testing. In addition, they have an exceptionally wide range of applications in electrical installations, cable testing, motor testing, automotive, ESD, panel building, avionics, maintenance, etc.

- Designed for Electrical and Industrial Testing
- Insulation Testing up to 1000 V and 200 GΩ Range
- Stabilized Insulation Test Voltage
- Single Range, Faster Continuity Testing from 0.01 Ω to 1 MΩ
- Adjustable Insulation Test Voltage from 10 V to 1000 V (Select Units)
- 600 V TRMS AC and DC Voltage Measurement
- Test Result Storage (MIT420/2) and Bluetooth® Downloading (MIT 430/2)
- Live Circuit Detection and Protection
- Rechargeable Options for AC Power and Car Charging
- CAT IV 600 V and IP54



Learn More about the MIT400/2 Series:

- **https://youtu.be/84TMoJWyVXQ**



Download the MIT400/2 Series Datasheet

Shop Megger® MIT400/2 Series ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Fluke 1587 FC
Insulation Multimeter

The Fluke 1587 FC Insulation Multimeter combines a digital insulation tester with a full-featured, true-rms digital multimeter in a single, compact, handheld unit, which provides maximum versatility for both troubleshooting and preventative maintenance.

- PI/DAR Timed Ratio Tests
- Live Circuit Detection Prevents Insulation Test if Voltage > 30 V is Detected for Added User Protection
- VFD Low-Pass Filter for Accurate Motor Drive Measurements
- Auto-Discharge of Capacitive Voltage for Added User Protection
- AT III 1000 V, CAT IV 600 V Measurement Category
- Insulation Test 0.01 MΩ to 2 GΩ
- Insulation Test Voltages 50 V, 100 V, 250 V, 500 V, 1000 V for Many Applications
- AC/DC Voltage, DC Millivolts, AC/DC Milliamps, Resistance (Ω), Continuity
- Capacitance, Diode Test, Temperature, Min/Max, Frequency (Hz)
- Auto Power Off to Save Battery Power
- Large Display with Backlight

Learn More about the 1587 FC:

- **https://youtu.be/t3OaBUEu4ts**



FLUKE CONNECT



Download the 1587 FC Datasheet

Shop Fluke 1587 FC

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 1507 & 1503
Insulation Testers

Ideal for wire identification & general labeling applications.

- Insulation Test Voltages: (1507: 50V, 100V, 250V, 500V, 1,000V), (1503: 500V, 1,000V) for Many Applications
- Automatic Calculation of Polarization Index and Dielectric Absorption Ratio Saves Both Time and Money (1507 Only)
- «Compare (Pass/Fail) Function Makes Repetitive Tests Simple and Easy (1507 Only)
- Remote Test Probe Makes Repetitive or Hard-to-Reach Testing Easier
- Live Circuit Detection Prevents Insulation Test if Voltage > 30V is Detected for Added User Protection
- Auto-Discharge of Capacitive Voltage for Added User Protection
- AC/DC Voltage: 0.1V to 600V
- 200mA Continuity
- Resistance: 0.01Ω to 20.00KΩ
- CAT III - 1,000V, CAT IV - 600V Safety Rating
- Accepts Optional Fluke TPAK Magnetic Hanging System to Free Your Hands for Other Work
- Four AA Alkaline Batteries (NEDA 15A or IEC LR6) for at Least 1,000 Insulation Tests
- One-Year Warranty

Learn More about the 1507:

· **https://youtu.be/YzzZLqJ-scI**

1507



1503





Download the 1503 Datasheet



Download the 1507 Datasheet

Shop Fluke Insulation Testers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke PQ400
Electrical Measurement Window

The Fluke PQ400 Electrical Measurement Window enables the connection of three phase measurement equipment to energized panels, without the need to open the panel door, or wear supplemental personal protective equipment.

- Reduce the Risk of Arc-Flash and Electrocution, While Increasing the Safety of Your Personnel
- Decrease Maintenance Costs and Reduce Downtime by Making Critical Power Quality and Energy Measurements Without Opening the Panel Door, Enabling Logging and Monitoring at Any Time —Without Disrupting Operations
- Reduce Work Permit Requirements and Processes by Reducing the Hazards Associated with Taking Measurements on Open Panels, Saving Time and Effort
- Increase Measurement Efficiency and Reduce the Need for Arcflash PPE1, Saving Time, Increasing



Download the PQ400 Datasheet

Learn More about the PQ400:

· https://youtu.be/Hf9ff7PwvWY



PQ400



PQ400/B

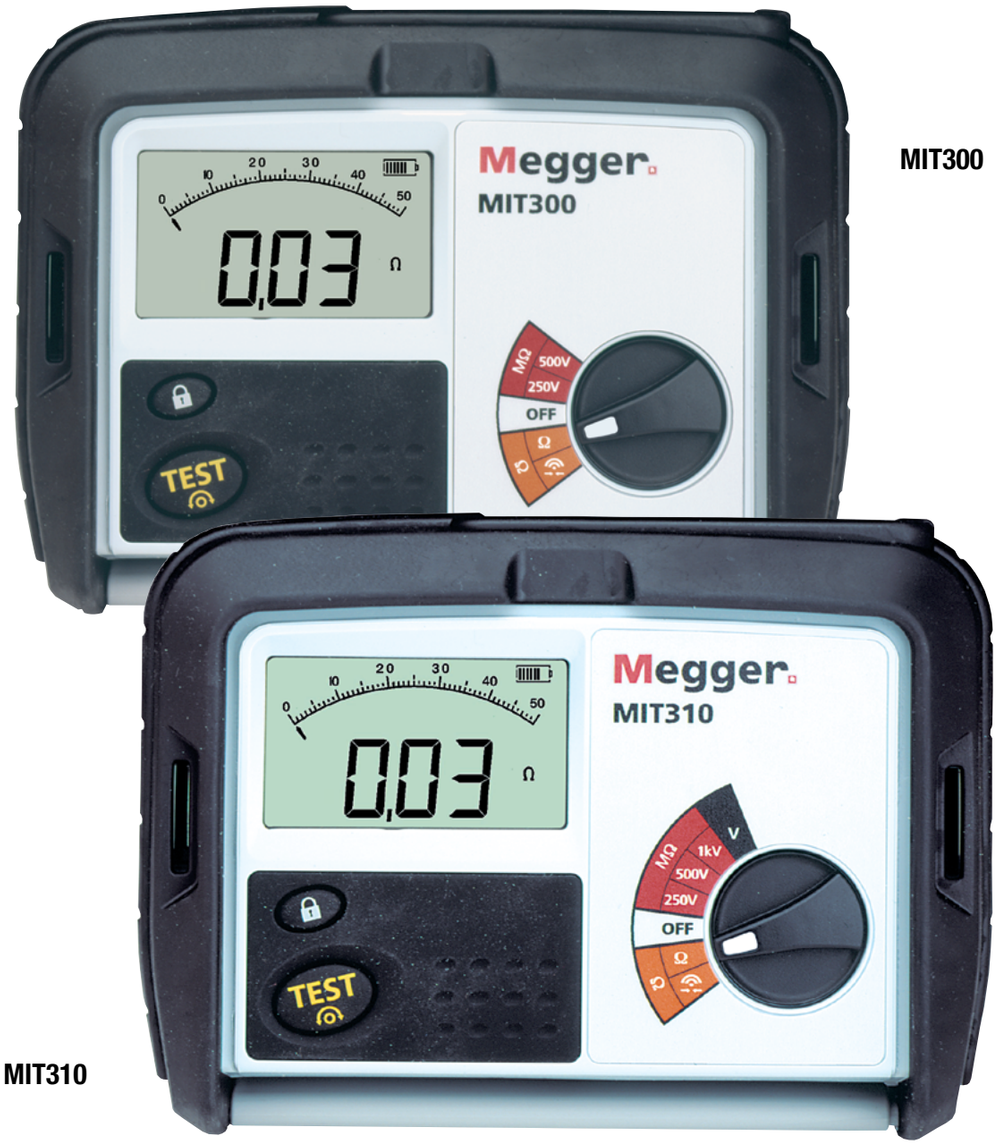
Shop Fluke PQ400

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Megger® MIT300 Series
Insulation and Continuity Testers

The Megger MIT300, MIT310 and MIT330 all feature the popular Megger digital/analogue display. Large 20mm high characters provide very clear readout, combined with an analogue arc for the feel of an analogue instrument, with a true analogue response.

- Extremely Easy to Use
- Tough Rubber Armored Case
- Self Contained Protective Cover
- Live Circuit Warning
- Weatherproof to IP54
- Intelligent Safety System for Protection.
- Result Storage and Downloading
- Download Software Included
- USB Interface
- Compatible with CertSuite.app



MIT300

MIT310

Learn More about the MIT300 Series:

- **https://youtu.be/dIBDgakg0bA**



Download the MIT300 Series Datasheet

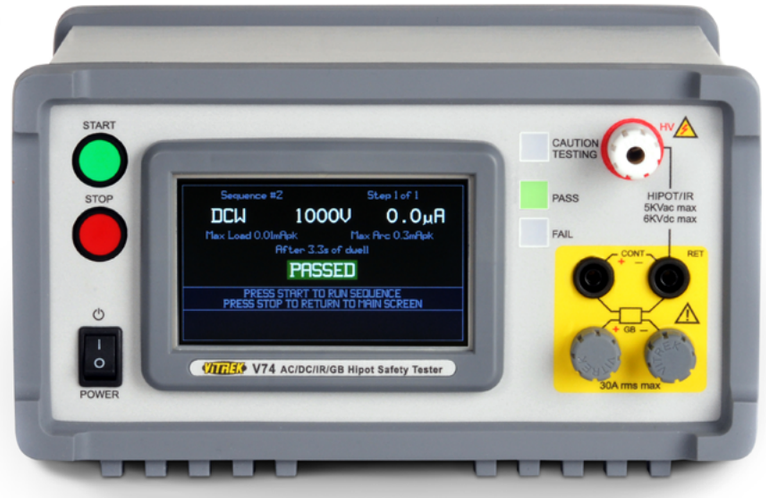
Shop Megger® MIT300 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Vitrek Hipot & Ground Bond Testers

V7X Series Hipot & Ground Bond Testers

- 5KV AC-DC Hipot Insulation Resistance Tester
- 4.3" Color Touch Display - Easy to Use Intuitive User Interface
- Up to 6 Functions to Choose from- AC/DC Hipot, IR, Ground Bond (V74), Continuity and Built-in Switching
- Compact, Lightweight, Rugged, Fan Free, Fast (100mS min Test Time) and Accurate
- 5KV AC/DC Hipot, 20mA Max Source Current
- Ground Bond 1-30A RMS (42 A Peak), 100µΩ Resolution (V74)



V7X Series

95X Series Hipot & Ground Bond Testers

- Highest Level of Operator Safety
  - GFI High Speed Shut Down for Earth Ground Leakage Faults
  - SFI™ Safety Fault Interlock
  - TLSS™ Test Lead Safety Sense
  - Recessed Start Switch Prevents Inadvertent Actuation
- High Power Output for Better Drive Capability and Increased Test Throughout
- Wide Range of Built-In Voltage Capabilities (6.5KVDC, 11KVDC or 15KVDC and 6KVAC, 10KVAC or Up to 30KV RMS AC with External Option)



95X Series

Learn More about the V7X Series:

- **https://www.youtube.com/watch?v=b5BkG-HN6v0&feature=youtu.be**



Download the V7X Series Datasheet



Download the 95X Series Datasheet

Shop Vitrek Hipot & Ground Bond Testers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 1660 Series
Installation Testers

The Fluke 1660 Series Installation Testers are the only installation testers that help you quickly and efficiently meet local testing regulations, while at the same time preventing damage to connected appliances.

- Auto Test does 5 Required Installation Tests in One Sequence, Ensuring Compliance with Local Installation Regulations. It Reduces the Number Of Manual Connections, Decreases the Possibility of Making Errors and Reduces Test Time Up to 40% from Previous Fluke Models
- Z-Max Memory Function for Loop Tests—Easy Evaluation of the Highest Loop Test Value in a Circuit
- Fast Voltage Measurement Between L-N, L-PE and N-PE Using the Mains Cord. Selectable by Soft Keys, No Need to Change Measurement Connections
- Measure RCD Trip Current and Trip Time for Types AC, A, F (Standard and Selective), B and B+
- Two Measurements at Once and a Dual Display. PEFC or PSC and Loop Impedance are Measured and Displayed in Parallel, Saving You Time
- Ring Continuity Testing—Select the Required Input Connectors with Soft Keys—No Need to Exchange Test Leads
- Automatic Test Start for Loop and RCD Tests— as Soon as Mains Voltage is Stable it Starts Testing

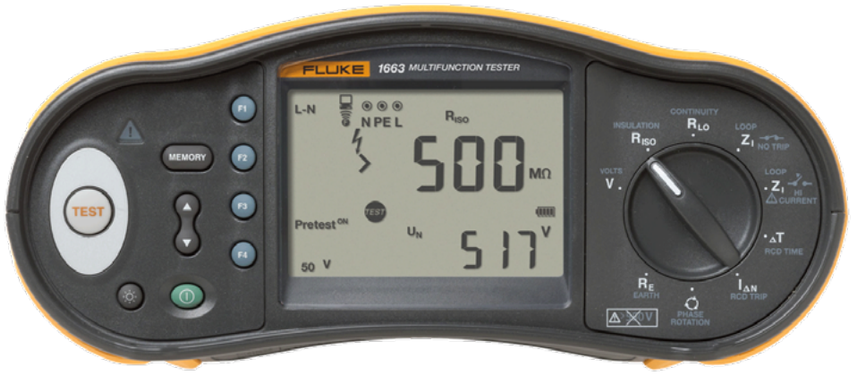
Learn More about the 1660 Series:

- **https://youtu.be/8SJrNm4a_K8**



1662

1663





1664FC

FLUKE CONNECT



Download the 1660 Series Datasheet

Shop Fluke 1660 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 1770 Series
Three-Phase Power Quality Analyzers

Engineered to be the faster, easier way to perform power quality studies, the 1770 Series offers automatic measurements, a straightforward user interface and setup, best-in-class specifications, and a simplified reporting platform.

- "In-Workshop" and "In-the-Field" Download Through PC Application Software
- Simple Data Downloads Using USB Memory Stick, WiFi, LTE, Wired Ethernet, or USB Cable
- Analyze Every Measured Detail of Energy Consumption and Power Quality State-of-Health with Automated Reporting
- One-Touch Reporting Creates Standardized Reports Conforming to Standards like EN 50160, IEEE 519, GOST 33073 IEC 61000-2-2, or Export Data in PQDIF or NeQual Compatible Format or CSV for Use with Third-Party Software
- Advanced Analysis Allows the User to Choose Any Available Logged Parameter And Create A Highly Customized View of Measurements for Advanced Data Correlation





Download the 1770 Series Datasheet

Learn More about the 1770 Series:

· **https://youtu.be/n1RPqsbOn0I**

Shop Fluke 1770 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Norma 6000 Series
Portable Power Analyzers

The Fluke Norma 6000 Series Portable Wideband Precision Power Analyzers give you more freedom than ever before to make high accuracy power measurements wherever you need to—whether in the lab, or in the field.

- Highly Portable and Easily Installed in Tight Spaces—Only 9.6 cm Thick
- Operate Continuously for Up to 10 Hours without an External Power Supply Using the 5000mAh Li-ion Internal Battery
- Measure Safely—Safety Rated for CAT III 1000V, CAT IV 600V Environments
- Measure Three Phase Power & DC Output Power at the Same Time with 3 or 4 Channel Models, with Voltage and Current Inputs on Each Channel
- Make Mechanical Torque and Speed Measurements Using the Included Inputs and Outputs of the Fluke 6003+ and 6004+
- 0.1% Accuracy, 500kHz Bandwidth, 200ks/s Sample Rate So You Can Rely On the Power Conversion System Measurements You Take No Matter What Distortion May be Present
- USB and RS485 Interface and Open Communication Protocol for Easy System Integration and Software Platform Flexibility

Learn More about the Norma 6000 Series:

- **https://youtu.be/NnoTDHVxoeA**



NORMA-6004+





Download the Norma 6000 Series Datasheet

Shop Fluke Norma 6000 Series ❯

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

AEMC® INSTRUMENTS
CHAUVIN ARNOUX GROUP

AEMC® Instruments 8345/8436/8333/8336
Three-Phase Power Quality Analyzers

Four models of Three-Phase Power Quality Analyzers have features to accommodate different needs and budgets. They have up to 5 voltage inputs and 4 current inputs. They capture, display and record trend, alarms, RMS, Peak, energy, transients & shockwaves, harmonics, energy values, True RMS, True InRush®, waveforms and much more. (Model dependent)

- Designed to Cover All 600 V CAT IV, 1000 V CAT III and Class A, CATIV 1000 V Applications in Compliance with the IEC 61010 and 61000-4-30 Standard
- 5 Voltage & 4 Current Inputs (Models 8336, 8436 & 8345)
- Measure All the Necessary Voltage, Current and Power Parameters for Full Diagnosis of Electrical Installations
- All the Power Measurements Needed to Make an Energy Efficiency Diagnosis
- Continuous Capture and Recording of All Parameters, Transients, Alarms and Wave Forms Simultaneously
- Instantaneously View Characteristics of All Channels on All Types of Electrical Networks, from the Simplest to the Most Complex
- Longer InRush (> 10 mins) Helps to Size an Electrical Installation Correctly
- An Easy-to-Use Analytical Tool. After Connection, an Immediate and Automatic Recognition of Sensors Occurs and Displays the Voltages up to 1000 V AC and DC, and the Currents (Model 8345)
- Includes Free DataView® Software for Configuring, Real-Time Display, Analysis and Report Generation



Learn More about the New PowerPad® IV Model 8345:

- https://youtu.be/5ysXJiKvwBI



Download the 8333 & 8336 Datasheet



Download the 8436 Datasheet



Download the 8345 Datasheet

Shop AEMC® Power Quality Analyzers ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

NEW

AEMC® INSTRUMENTS
CHAUVIN ARNOUX GROUP

AEMC® Instruments PEL 103 & PEL 52
Power & Energy Data Loggers

The ultimate solution for capturing and analyzing energy data. Maximize efficiency, identify savings opportunities, and take control of your energy consumption.

- Power and Energy Measurement Loggers for All Electrical Installations
- Quickly Pinpoint the Areas Where Work is Required
- Magnetized Instrument Makes It Easy to Position and Leave in Any Electrical Cabinet for Long Periods of Recordings
- Use Simultaneously for Real-Time Monitoring and Comparative, Historical Consumption Analysis
- A Vast Number of Calculations and Measurements (RMS and DC, AC and DC Voltages up to 1000 V, Motors, Self-Power via the Phase, Current Up to 12,000 AAC (Sensor Dependent)
- View All the Electrical Parameters and Take Advantage of the Measuring, Energy Metering and Communication Functions
- Helps Facilitate Consumption Management Across a Town District: Street Lighting Network, Lighting Network for Common Areas, General Single-phase and Three-phase Distributions and More
- Easily Measure and Report on Installation Savings Achieved with Time/Date Stamped Recordings and Period of Reference Reporting
- The Included FREE DataView® Reporting Software Allows Users to Breakdown Types of Energy and Losses

Learn More about the PEL & Power Pad:

- **https://youtu.be/rgxjNQhBNGE**



*PEL 52 only



Download the PEL 103 Datasheet



Download the PEL 52 Datasheet

Shop AEMC® Power & Energy Data Loggers ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 1742, 1746 & 1748
Power Quality Loggers

Assess power quality and conduct long-term studies with compact, rugged loggers and included analysis software.

- Measure All Three Phases & Neutral with Included Four Thin, Easy Access Flexible Current Probes
- No Power Supply or Batteries Required – Logger and Current Probes are Powered from Voltage Inputs
- Accurately Validate System Performance with IEC 61000-4-30 Class A Voltage Accuracy (0.1% of V) and EN50160 Overview
- Trend Recorded Data, Generate Reports, and Monitor Real-Time with Included PQ Log Software
- Set up in Minutes with the Self-Identifying Current Probes and Single Lead Voltage Connections
- Assess Severity of Power Quality Problems by Capturing up to 13,000 Dips, Swells, or Interruptions
- Designed for Rugged Field Use with IP65 Case (1743/4), -10ºC to +55ºC Operating Range, 600V CAT III and Two-Year Warranty



Download the 1742, 1746 & 1748 Datasheet

Learn More about the 1746 & 1748:

· **https://youtu.be/2LJUPnBx-_w**



1742

Shop Fluke 1742

Shop Fluke 1746

Shop Fluke 1748

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 1732 & 1734
Three-Phase Electrical Energy Loggers

Energy logging is now within your reach — discover where you're wasting energy, optimize your facility's energy use and reduce your bill.

- Measure All Three Phases with Included 3 Flexible Current Probes (EUS Versions)
- More than 20 Separate Logging Sessions can be Stored on the Instruments
- Quick, Guided, Graphical Setup Ensures You're Capturing the Right Data Every Time
- Complete "In-the-Field" Setup Through the Front Panel or Fluke Connect
- Bright, Color Touch Screen
- Connect other Fluke Connect Devices to the Fluke 1734 to Simultaneously Log Up to Two Other Measurement Parameters, Virtually any Parameter Available on a Fluke Connect Wireless Digital Multimeter Or Module
- Download and Analyze Every Detail of Energy Consumption with Our Automated Reporting



1732

1734

Learn More about the 1732 & 1734:

- https://youtu.be/QLIQBBjL4ms



Download the 1732 & 1734 Datasheet

Shop Fluke Energy Loggers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 1736 & 1738 Series
Three-Phase Power Loggers

The 1736 and 1738 automatically capture and log over 500 power quality parameters so you have more visibility into the data you need to optimize system reliability and savings.

- Automatically Capture and Log Voltage, Current, Power, Harmonics and Associated Power Quality Values
- View Data Locally on the Instrument or Via Fluke Connect Mobile App and Desktop Software
- 600 V CAT IV/1000 V CAT III Rated
- Measure All Three Phases & Neutral with Included 4 Flexible Current Probes
- More than 20 Separate Logging Sessions can be Stored on the Instruments
- Capture Dips, Swells, and In-Rush Currents: Includes Event Waveform Snapshot and High Resolution RMS Profile, Along with Date, Time Stamp and Severity
- Bright, Color Touch Screen: Perform Convenient in-the-Field Analysis and Data Checks with Full Graphical Display
- Optimized User Interface: Capture the Right Data Every Time with Quick, Guided, Graphical Setup and Reduce Uncertainty about Your Connections with the Intelligent Verification Function

Learn More about the 1736 & 1738:

- **https://youtu.be/clN_0ZvoBPY**



1736

1738



Download the 1736 & 1738 Datasheet

Shop Fluke Power Loggers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 3540 FC
Three-Phase Power Monitor

The 3540 FC Three-Phase Power Monitor is a compact device to monitor three-phase systems and stream data to the Fluke Connect® Cloud. The measurement data is available on any connected device using Fluke Connect mobile app or Fluke Connect® Condition Monitoring software.

- Graphs Are Available to Show the Trends and Fluctuations of the Measurements During the Monitoring Period
- Alarm Settings Notify Users Immediately When Measurement Values are Outside Specified Thresholds
- The Monitor Includes a Mode to Log Measurements When No Connection to the Fluke Connect® Cloud is Available. You Can Transfer Logged Data With the Fluke Connect Mobile App

Measurements:

- Current (A)
- Voltage (V)
- Frequency (Hz)
- Power (W)
- Apparent power (VA)
- Non-active power (var)
- Power factor (PF)
- Total harmonic distortion voltage (%)
- Total harmonic distortion current (%)
- Harmonic content current (A)



Learn More about the 3540 FC:

- **https://youtu.be/F1hDd149yj4**



FLUKE CONNECT



Download the 3540 FC Datasheet

Shop Fluke 3540 FC

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

KEITHLEY
A Tektronix Company

Keithley SMU's

2400 Graphical Series (2450/60/61/70)

Keithley 2400 Graphical Series SMU instruments offer four-quadrant precision voltage and current source/load coupled with measurement now on an intuitive touchscreen user interface. These instruments can simultaneously source and measure current from 10 fA to 10 A pulse and/or voltage from 100 nV to 1100 V for 1000 W pulse and 100 W DC total power, allowing users to Touch, Test, Invent®.



2460

2600B Series

Keithley's Series 2600B System SMU instruments are the industry standard current-voltage source and measure solution for highly automated production test applications. Both dual- and single-channel models tightly integrate a precision power supply, true current source, DMM, and electronic load with pulse generating capabilities. Plus, TSP® technology runs complete test programs for automated system applications, and TSP-Link® technology enables daisy-chaining up to 64 channels for high volume parallel test.



2470

2400 Standard Series (2401, 2400, 2410)

Keithley's Standard Series 2400 Source Measure Unit (SMU) Instruments offer four-quadrant precision voltage and current source/load coupled with measurement. Each SMU instrument is both a highly stable DC power source and a true instrument-grade 6½-digit multimeter. The power source characteristics include low noise, precision, and readback. The multimeter capabilities include high repeatability and low noise.

2650 Series (2651A/2657A)

The 2650 Series High Power SourceMeter SMU Instruments are designed specifically for characterizing and testing high voltage/current electronics and power semiconductors, such as diodes, FETs, and IGBTs, high brightness LEDs, DC-DC converters, batteries, solar cells, and other high power materials, components, modules, and subassemblies. They deliver unprecedented power, precision, speed, flexibility, and ease of use to improve productivity in R&D, production test, and reliability environments. Two instruments are available offering up to 3000V or up to 2000W of pulse current power.



2612B



Download the 2400 Standard Series Datasheet



Download the 2600B Series Datasheet



Download the 2450 Datasheet



Download the 2460 Datasheet



Download the 2461 Datasheet



Download the 2470 Datasheet



Download the 2651A Datasheet



Download the 2657A Datasheet

Shop Keithley SMU's

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE

Fluke 2052 and 2062
Advanced and Advanced Pro Wire Tracers

The Fluke 2052 and 2062 Advanced and Advanced Pro Wire Tracers accurately and safely troubleshoot energized and de-energized wires in residential, commercial, and industrial environments up to CAT IV 600 V.

- Locate Energized and De-energized Wires Quickly and Accurately in Walls, Ceilings, and Floors
- Find Breaks or Opens and Shorts, and Identify Breakers and Fuses Easily
- CAT IV 600 V Safety Rated
- Patented Smart Sensor™ Locates and Displays Energized Wires on Color Display (2062)



Download the 2052 Datasheet



Download the 2062 Datasheet

Learn More about the 2052 and 2062:

- **https://youtu.be/30GSfBtMywA**



Shop Fluke 2052

Shop Fluke 2062

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Amprobe® AT-6010 KIT
Wire Tracer Kit with Digital Multimeter

With the AT-6010 Advanced Wire Tracer, it's never been easier and safer to locate energized and de-energized wires, breakers and fuses.

- Large LCD Receiver Screen with Two Digit Readout, Bar Graph and Sound to Easily Determine Wire Location
- Compatible with the CT-400 Signal Clamp Accessory for Inducing a Tracing Signal on the Cable when there is No Access to Bare Conductors

Special Applications Include:

- Connect to GFCI Protected Circuits
- Find Breaks and Opens
- Find Shorts
- Trace Wires in Metal Conduit
- Trace Non-Metallic Pipes and Conduit
- Trace Shielded Wires
- Trace Underground Wires



Learn More about the AT-6010 KIT:

- **https://youtu.be/FQ8sjclieCE**



Download the AT-6010 KIT Datasheet

Shop Amprobe® AT-6010 KIT

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SECTION E
ELECTRONIC TEST

Make Sure Your Instrument is
CALIBRATED BY TRANSCAT®

- Current Probes
- DC Power Supplies
- Digital Multimeters
- Oscilloscopes
- Power Supplies
- Signal Generators

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NEW

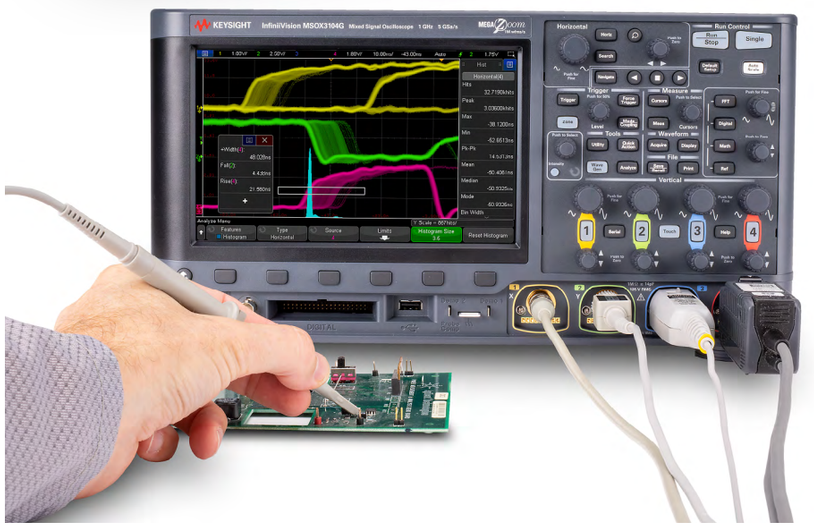
KEYSIGHT

Keysight InfiniiVision 3000G
X-Series Oscilloscopes

The InfiniiVision 3000G X-Series oscilloscopes with bandwidth models ranging from 100 MHz up to 1 GHz offer high-end technology in a small form factor.

- 2 or 4 Analog Channels, Plus 16 Digital Channels (MSO Models)
- Easily View and Analyze Your Signals on the Large 8.5 inch Capacitive Touch Screen
- Isolate Signals in Seconds with Exclusive Zone Touch Triggering
- See More Signal Detail with the 1,000,000 wfms/s Update Rate
- Capture More Data with up to 4 Mpts Memory
- Expand Your Measurement Capabilities with Full Upgradability: Add Bandwidth and Advanced Application Software at Any Time
- Powerful Triggering and Decoding Serial Buses Including I2 C, SPI, UART/RS232/RS485, I2S, and USB-PD
- High Performance Mask and Measurement Limit Testing Enabled in Hardware
- Frequency Response Analysis (Bode Plots)
- Waveform & Measurement Histograms
- Built-In Function/Arbitrary Waveform Generator
- HDTV Video Analysis





Learn More about the InfiniiVision 3000G X-Series:

- **https://youtu.be/EZxOi_ed3Ek**



Download the InfiniiVision 3000G X-Series Datasheet

Shop Keysight InfiniiVision 3000G X-Series ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight InfiniiVision 4000 & 6000 X-Series
Oscilloscopes

InfiniiVision 4000 X-Series

- 200 MHz to 1.5 GHz Bandwidth, 4 Mpts Memory Standard, DSO & MSO Models
- Up to 1,000,000 Waveform Updates/Sec
- 12.1in Capacitive Touch Display – 40% Larger than Competitive Scopes
- Industry's Only InfiniiScan Zone Touch Triggering
- Megazoom IV Uncompromised Smart Memory with Segmented Memory Standard
- Fully Upgradable – Bandwidth, MSO, Dual-Channel Wavegen Built-in 20-MHz arb/Function Generator, Integrated Digital Voltmeter and Serial Analysis Including USB

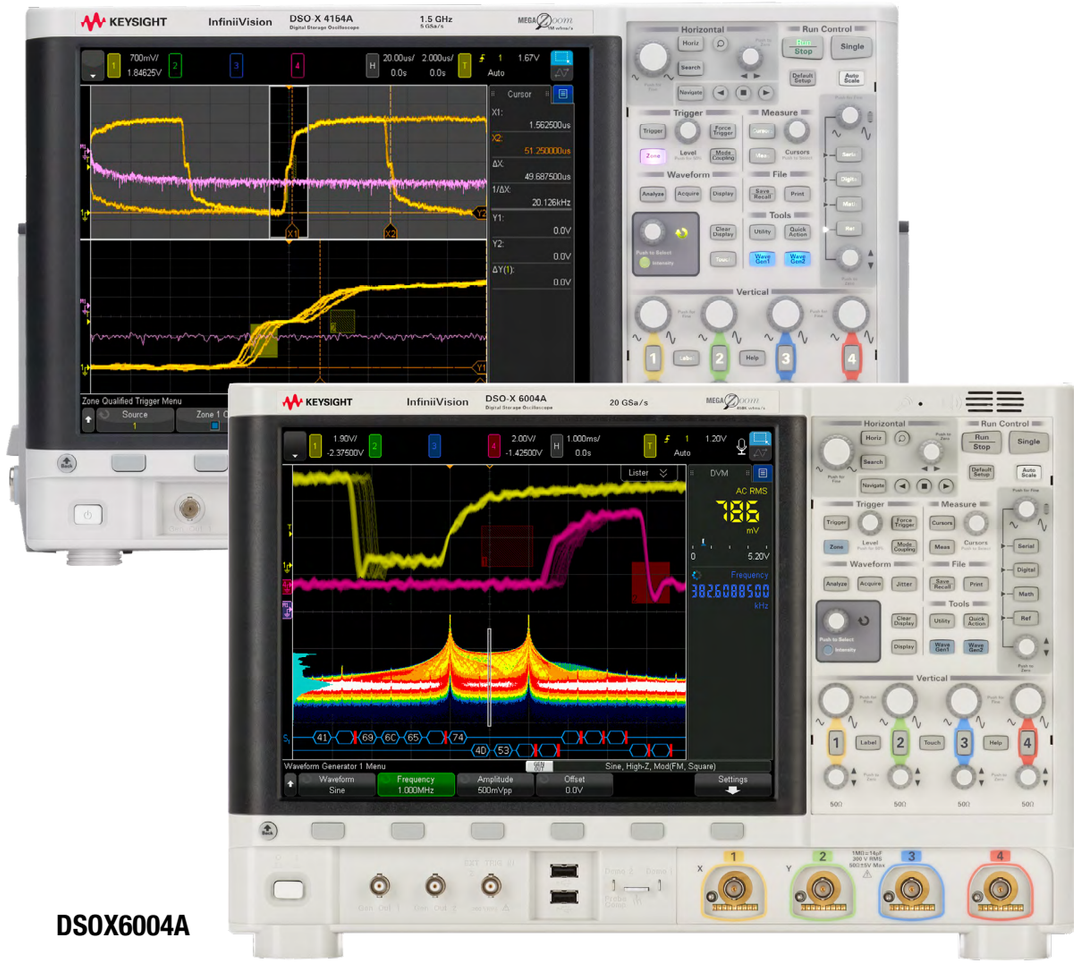
InfiniiVision 6000 X-Series

- 12.1 inch Capacitive, Multi-Touch Display for an Intuitive Interface
- Low Noise Floor of 210 µVrms at 1 mV/Div (at 6 GHz) Gives You the Most Precise Measurements
- >450,000 wfms/s Update Rate Gives You More Probability of Capturing Infrequent Events
- Zone Touch Triggering Provides New Visualization Power & Control
- Histogram, Color Grade, Jitter Analysis (Option), Real-Time Eye Diagram Analysis (Option), and More Provide More Detailed Analysis Options

Learn More about the 6000 X-Series:

- **https://youtu.be/baKV7WsRPec**

DSOX4154A



DSOX6004A



Download the InfiniiVision 4000 X-Series Datasheet



Download the InfiniiVision 6000 X-Series Datasheet

Shop Keysight Oscilloscopes

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Tektronix 2/3/4/5/6 Series
Oscilloscopes

2 Series

- 4 Analog Channels
- 70 to 500 MHz Bandwidth
- 16 Channel MSO and 50 MHz AFG
- 4-bit Digital Pattern Generator
- Compact Form Factor, About 1.5" Thick
- Capacitive Touchscreen and a Highly Intuitive User Interface
- Large Catalog of Compatible Probes

3 Series

- 2 and 4 Analog Channel Models
- 100 MHz, 200 MHz, 350 MHz, 500 MHz, 1 GHz Bandwidth Models
- Bandwidth is Upgradable (up to 1 GHz)
- Up to 5 GS/s Sample Rate
- 10 M Record Length on All Channels

4 Series

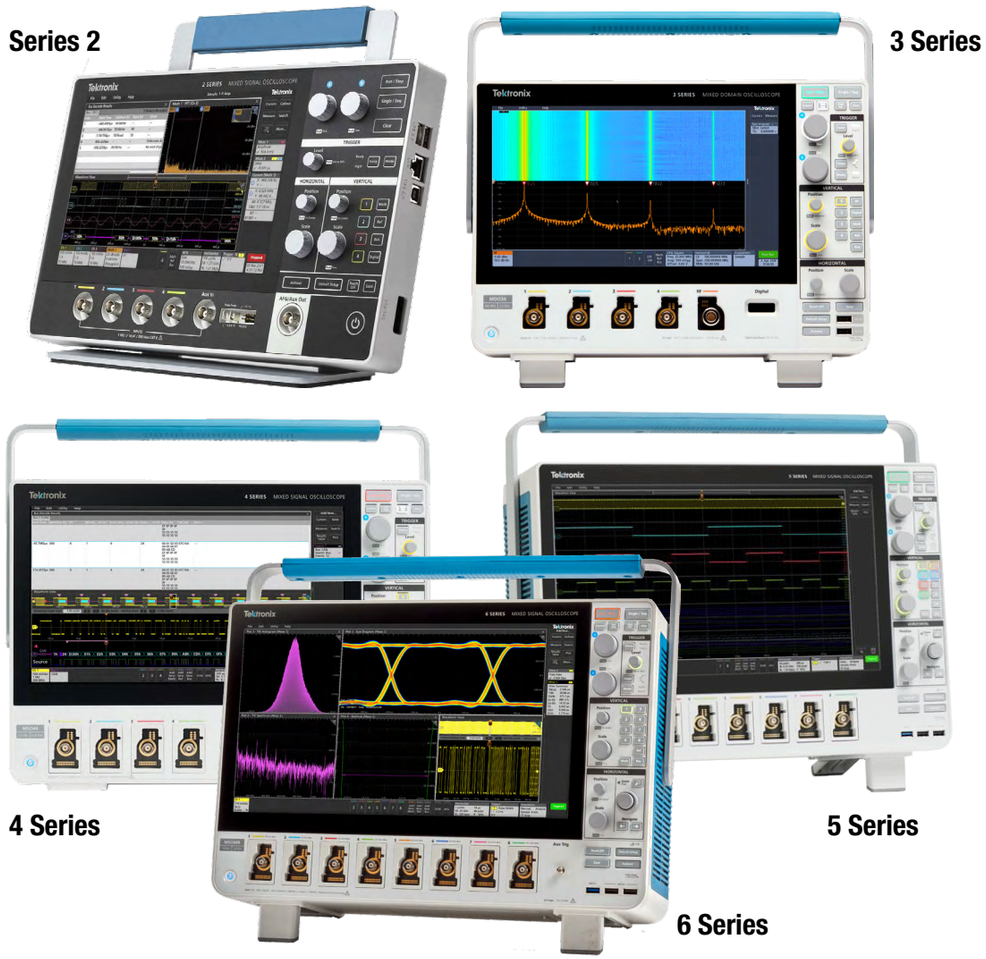
- The Largest 13.3-inch HD (1920x1080) Capacitive Touch Display in its Class
- Up to 6 FlexChannel® Inputs
- 12-bit Vertical Resolution; up to 16-bits in High Res Mode
- Optional Built-In Function Generator
- Support for Over 20 Serial Bus Protocols

5 Series

- 12-bit Resolution at 1.25 GHz; 16-bit Resolution at 50 MHz
- Built-in DDCs Enable Multi-Channel, Synchronized Spectrum Analysis
- Results Tables, Measurement Statistics, and Trend Plot Views
- Support for Over 25 Serial Protocols Covering the Most Common Interfaces

6 Series

- 4 FlexChannel® inputs
- 1 GHz, 2.5 GHz, 4 GHz, 6 GHz, 8 GHz Bandwidth (Upgradable)
- Sample Rate (All Analog / Digital Channels) of Real-time: 25 GS/s and Interpolated: 2.5 TS/s
- Waveform Capture Rate of >500,000 waveforms/s



Download the Series 2 Datasheet

Download the Series 3 Datasheet

Download the Series 4 Datasheet

Download the Series 5 Datasheet

Download the Series 6 Datasheet

Shop Tektronix Oscilloscopes

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight Smart Bench Essentials

The world is innovating with a greater sense of urgency than ever before. Labs are looking for smart test instruments that connect to each other, the lab, the cloud, and your next innovation. When you need a complete portfolio of lab bench products with one powerful graphical interface, the Keysight Smart Bench Essentials Series might be all you need.

When you need all four instruments to have a consistent look and feel, the same graphical user interface, and connectivity, the Keysight SmartBench Essentials Series is a modern design solution for test workbenches in teaching labs and small-scale product developers.

- A Power Supply Provides the Exact DC Biasing Power to Your Device Under Test (DUT)
- The Function Generator Provides the Various Test Input Signals for Your DUT to Respond
- The Oscilloscope Measures the Dynamic Responses of Your DUT Output Signals
- The Digital Multimeter Measures 11 Types of Signals

Learn More about Keysight Smart Bench Essentials:

- **https://youtu.be/82eYGE2YZq0**

PathWave Benchview Software



EDU34450A
5½ Digital Multimeter

EDU33211A/EDU33212A
Function Generators



EDU36311A
DC Power Supply

EDUX1052G Oscilloscope



Download the EDU34450A Fact Sheet



Download the EDU33211A/ EDU33212A Fact Sheet



Download the EDU36311A Fact Sheet



Download the 1000X Series Fact Sheet

Shop Keysight Smart Bench Essentials ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Fluke ScopeMeter® 120B Series & 190 Series III

Industrial Oscilloscopes & ScopeMeter® Test Tools

120B Series

- Dual-Input Digital Oscilloscope and Multimeter
- 40 MHz or 20 MHz Oscilloscope Bandwidth
- Two 5,000-Count True-RMS Digital Multimeters
- Connect-and-View™ Trigger Simplicity for Hands-Off Operation
- IntellaSet™ Technology Automatically and Intelligently Adjusts Numerical Readout Based on the Measured Signal
- Dual-Input Waveform & Meter Reading Recorder for Trending Data Over Extended Periods
- Recorder Event Detect Captures Elusive Intermittent Signals on Repetitive Waveforms up to 4 kHz

190 Series III

- Up to Four Independent Floating Isolated Inputs, Up to 1000 V
- Up to 5 GS/s Real Time Sampling (Depending on Model and Channels Used)
- Deep Memory: 10,000 Points Per Trace Waveform Capture (Scope Mode)
- CAT III 1000 V/CAT IV 600 V Safety Rated Instrument for Industrial Environments
- Up to Seven Hours of Battery Operation Using BP291
- Large, Bright Color Display is Easy to View in Nearly Any Environment

Learn More about the 120B Series:

- **https://youtu.be/KoOdS0sHjBQ**



125B

190-204-III



Download the 120B Series Datasheet



Download the 190 Series III Datasheet

Shop Fluke Industrial ScopeMeters®

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

KEYSIGHT

Keysight Streamline Series P9241A, P9242A, P9243A
USB Oscilloscopes

The P924xA oscilloscopes are part of Keysight's Streamline USB product family, which provide the same capabilities, performance and user interface as benchtop instruments.

- 200MHz, 500 MHz and 1 GHz Bandwidth Options
- 2 Analog Channels
- 5 GSa/s Sample Rate
- See More Signal Detail with 1,000,000 Waveforms/ Sec Update Rate
- Isolate Signals in Seconds with Exclusive Zone Triggering



P9241A



P9242A



P9243A



Download the P924xA Oscilloscopes Datasheet

Learn More about the P924xA Oscilloscopes:

- https://youtu.be/t4q7sh_tE_M

Shop Keysight P924xA Oscilloscopes

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Oscilloscope Current Probes

Shop Fluke Probes

Specifications									
	Mfg #	Nominal Current Ranges	Highest AC Current	Accuracy (48-65 HZ)	Useable Frequency Response	Working Voltage	Common Mode Voltage	Maximum Conductor Diameter	Output Levels
	i200s	0–20A/0–200A	240A	≤3.5% + 0.5A	40 Hz–10 kHz	600V	—	20mm (.79in)	10 mV, 100 mV/A
	i400s	0.5–400A	1,000A	0.5A to 40A 2% + 0.015A 5A to 400A 2% + 0.04A	5 Hz to 10 kHz	1,000 VAC	1,000 VAC	32mm (1.25in)	1 mV/A
	i1000s	0.2–10/100/1,000A	2,000A Peak	0.1 - 10A: 3% Rdg ± 10mV 0.1 - 100A: 2% Rdg ± 5mV 0.1 - 1,000A: 1% Rdg ± 1mV	5 Hz to 100 kHz	600 VAC	600 VAC	54mm (2.1in)	1 mV/A, 10 mV/A, 100 mV/A
	i2000 Flex	0–2,000A	1,000 kA	±1%	1 Hz–20 kHz	600 VAC	—	—	10 mV/A, 1 mV/A
	i3000s	1–30A/1–300A/1–3,000A	4,000A for 5 min	1–30A: 2% of Reading + 0.1A 1–300A: 2% of Reading + 0.5A 1–3,000A: 2% of Reading + 2A	10 Hz to 100 kHz	600 VAC	600 VAC	64mm x 100mm (2.5in x 3.9in)	10 mV/A, 1 mV/A 0.1 mV/A



Download the i200s Datasheet



Download the i400s Datasheet



Download the i1000s Datasheet



Download the i2000 Flex Datasheet



Download the i3000s Datasheet

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Tektronix Probes

Current Probes

- The Broadest Range of AC/DC and AC-Only Current Probes
- Measurement Accuracy from uAs to 2000 A
- Best-in-Class Bandwidth up to 120 MHz
- Best-in-Class Current Clamp Sensitivity Down to 1 mA
- The Only Products with 3rd Party Safety Certification (UL, CSA, ETL)
- The Only Products with Bare Wire Voltage Ratings



Current Probes

IsoVu Isolated Probes

Uncover the fast, floating signals that your non-isolated probes are hiding. IsoVu™ Probe Technology virtually eliminates common mode interference using optical isolation. This delivers accurate differential measurements on reference voltages slewing ±60kV at 100V/ns or faster. And with our IsoVu Generation 2 design, you get all the benefits of IsoVu technology at 1/5 of the size.



IsoVu Isolated Probes

Differential Probes (Low and High Voltage)

- Best-in-Class Bandwidth and Probe Loading
- The Only Products with 3rd Party Safety Certification (UL, CSA, ETL)
- Most Extensive Set of Probe Accessories
- High and low Voltage Products to Support Varying Dynamic Range and Measurement Resolution Requirements



High Voltage Differential Probes

Learn More about IsoVu Isolated Probes:

- **https://youtu.be/ui65_OM7bvA?si=7OB4L3xLG7jhxKX7**

Shop Tektronix Probes ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight Truevolt Series 6½ & 7½ Digit and 34450A 5½ Digit

Digital & Digital Bench Multimeters

34465A & 34470A

- Resolution up to 6½ and 7½ Digits
- Color, Graphical Display with Built-in Math and Statistical Views and Secondary Measurements
- Easy Access to All Truevolt Measurement
- DC Volt Accuracy 16 PPM
- ADC Linearity 0.5 PPM
- Reading Speed 5 to 50 k Rdgs/s
- BenchVue Software Enabled
- 10 A Current Measurement Capability

34460A & 34461A

- 34460A & 34461A
- Resolution up to 6½ Digits
- DCV, ACV, DCI, ACI, 2- and 4-Wire Resistance, Frequency, Period, Continuity, Diode, Current, Temp.
- 1-Year DCV Basic Accuracy 0.0035% + 0.0005%
- 1,000 Readings/S, 10,000 Reading Memory, Plus Front Panel USB
- Color Graphical Display with Number, Histogram, Bar Chart, Trend Chart, Math and Statistics USB, LAN/LXI Core, Optional GPIB
- Industry's Only 100% Drop-in, SCPI Compatible Replacement for the Keysight 34401A DMM

34450A

- Fast Reading Speed of up to 190 Readings/Sec
- 0.015% DCV Accuracy
- Multiple Connectivity Options - USB 2.0, Serial Interface (RS-232) and GPIB
- Built-In Histogram Function
- Ultra-Bright OLED with Dual Display
- Up to 50,000 Memory Points for Data Logging and Histogram Function
- 11 Measurement Functions; DC Voltage and Current, True-RMS AC Voltage & Current, 2- and 4-Wire Resistance, Frequency, Continuity, Diode Test, Capacitance, and Temperature



34461A



34470A



34460A



34465A



34450A



Download the Truevolt Series Datasheet



Download the 34450A Datasheet

Shop Keysight Digital Multimeters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 8808A

6.5 Digit Precision Multimeter

The precision and versatility to handle your most demanding measurements on the bench or in a system.

- 5.5 Digit Resolution
- Dual Graphical Display
- Basic VDC Accuracy of up to 0.015%
- Measures VDC/AC, I DC/AC, Freq, Continuity, Diode
- 10 mA to 10 A Current
- 10 Ohm to 1 GΩ Resistance
- Min, Max, Rel, dB, dBm
- Dedicated DC Leakage Current Ranges
- Six Dedicated Buttons for Fast Access to Instrument Setups
- Hi/Lo Limit Compare for Pass/Fail Testing
- 2x4 Wire Ohms Measurement Technique
- Frequency, Period, Capacitance & RTD Temperature Measurements
- USB Device Port, for Memory Storage Devices
- Popular DMM Emulation Modes





Download the 8808A Datasheet

Shop Fluke 8808A

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight Power Meters

U/L2050 and U/L2060 X-Series
Wide Dynamic Range Peak & Average Power Sensors

Accurately measure any modulated signal with the Keysight U/L2050/60 X-Series wide dynamic range power sensors. The USB/LAN connectivity models come with wide dynamic range, covering -70 to +26 dBm. These sensors offer very accurate and repeatable power measurements for any modulated signal and come with super-fast measurement speed of 50,000 readings/sec, which enables higher manufacturing throughput. Users can also save time and reduce measurement uncertainty with the internal zero and calibration function.

U2020 X-Series
USB Peak and Average Power Sensors

Accelerate your production throughput with Keysight U2020 X-series USB peak and average power sensors. These sensors provide the high performance and features needed to satisfy the requirements of many power applications in R&D and manufacturing.

U8480 Series
USB Thermocouple Power Sensors

Improve your power measurement throughput with the world's fastest USB thermocouple power sensors.

N1913/1914A EPM Series
Economy Average Power Meters

The Keysight N1913A and N1914A EPM Series power meters are versatile, user-friendly replacements for the E4418B/19B EPM Series. Best of all, you get these extras for about the same price. Get consistent results and greater capability.

N1911A/N1912A P-Series
Peak Power Meters

The P-Series power meters are supported by the Keysight BenchVue software (version 3.0 and above). BenchVue makes it easy to control your power meter, to log data and visualize measurements in a wide array of display options without any programming.



U2056XA

U2067XA



U2022XA



U8481A



N1913A



N1911A

Shop Keysight Power Meters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight 33500B/33600A
Waveform Generators with Trueform Technology

Generate the highest integrity signals with Trueform technology.

- Full-Bandwidth Pulses with Selectable Leading and Trailing Edge Times
- Capability to Sum any Two Signals on a Single Channel
- Pseudo-Random Binary Sequences (PRBS) with Standard Sequence Numbers
- Trueform Waveforms with Less Jitter, More Fidelity and Greater Resolution
- Dual-Channel Frequency and Amplitude Coupling, Differential, and Combined Channels
- 12 Different Models at 20, 30, 80 and 120 MHz



Download the 33500B & 33600A Datasheet

33500B



33600A

Learn More about the 33500B and 33600A:

· https://www.youtube.com/watch?v=_TCWUXZkKLA&pp=ygURa2V5c2lnaHQgdHJ1ZWZvcm0%3D

Shop Keysight 33500B/33600A

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

KEYSIGHT

Keysight 53200 Series
Frequency Counters/Timers

Faster measurements and faster analysis with histograms, trend charts and statistics.

- 350 MHz, with Additional Optional Microwave Input up to 15GHz
- 20 ps Single-Shot Time Interval Measurements
- Continuous, Gap-Free Measurements with Time Stamps on Signal Edges
- Advanced Capabilities: Histograms, Trending, Datalogging, Optional Pulse/Burst Microwave Measurements
- Onboard Memory for 1 M Readings
- Standard USB, LAN (LXI Class C), and GPIB
- 53131A, 53132A, 53181A Counter Emulation Mode



Download the 53200 Series Selection Guide

Learn More about the 53200 Series:

· **https://youtu.be/dzmRisljQ4o**

53210A



53220A



53230A



Shop Keysight 53200 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

KEYSIGHT

Keysight N9000B CXA
Multi-Touch Signal Analyzers

Today's leading instrument for essential signal characterization.

- Innovative Multi-Touch User Interface
- Make One-Button Measurements with PowerSuite
- Perform Cost-Effective Stimulus Response Measurements with Optional Built-in Tracking Generator
- Add Crucial Functionality with X-Series Measurement Applications for Analog Demodulation, Noise Figure, Phase Noise, and More
- Empower Your RF & Microwave University Labs with Optional Education Lab Kits that Enhance Theory with Practical Skills

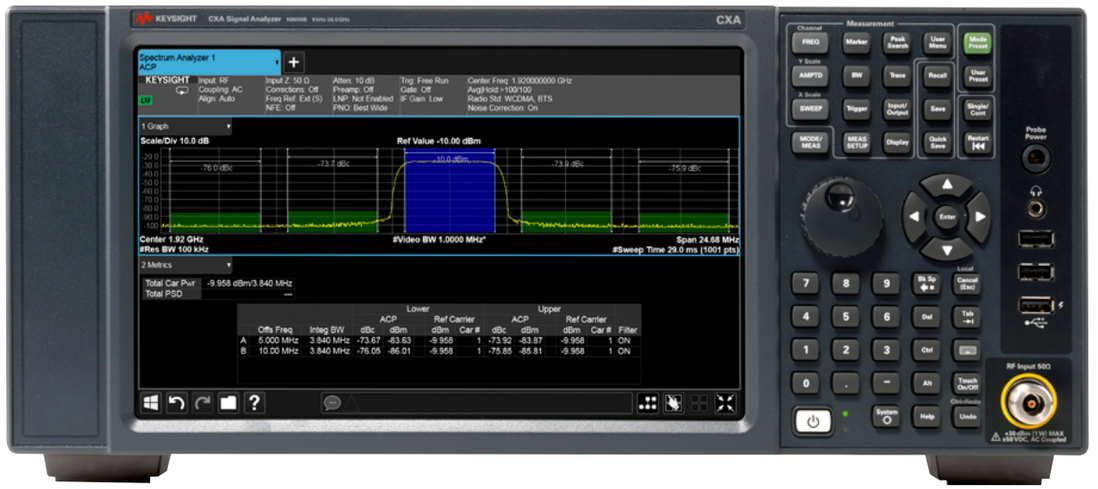




Download the N9000B CXA Datasheet

Learn More about the N9000B CXA:

· https://www.youtube.com/watch?v=mtSxfxjiHQM&t=55s



Shop Keysight N9000B CXA

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight FieldFox

RF, Microwave, Vector Network and Spectrum Analyzers

- Base Function is a Cable and Antenna Analyzer, Expandable Capabilites with Optional Full 2-Port Network Analyzer, Spectrum Analyzer, Channel Scanner, Analog Demod and Variable DC Source, RTSA, LTE, 5G, EMF and Mapping
- Make Accurate Spectrum Analyzer Measurements (± 0.5 dB) without Needing Warm-up with Instalign (Comes with Full-Band Pre-Amplifier and Tracking Generator)
- Save Time on Maintaining Cable and Antenna Systems by Measuring DTF and TDR in a Single Sweep
- Hassle-Free Calibration with Built-in Calibration Capabilities; CalReady & QuickCal
- Water Resistant and Dust-Free Design with Completely Sealed Instrument with No Fans and Vents Design
- Lightest All-in-One Analyzer at Only 7.1 lb (3.2 kg), Long Battery Life of 3.5 Hours



Download the N9918B & N9961B Datasheet



Download the N9912A & N9962A Datasheet

Learn More about Multi-Channel Synchronization Power Measurement:

· https://www.youtube.com/watch?v=iteXG8rRA5o&t=2s&pp=ygURa2V5c2lnaHQgZmllbGRmb3g%3D



N9912A



N9918B



N9962A



N9961B

Shop Keysight FieldFox

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

KEYSIGHT

Keysight N6705C
DC Power Analyzer

Gain insights into your DUT's power consumption without writing a single line of code.

- Unrivaled Productivity Gains for Sourcing, Loading, and Measuring DC Voltage and Current
- Integrated Solution that Eliminates the Need to Gather Multiple Instruments: up to 4 Advanced DC Power Supplies or DC Electronic Loads, DMM, Scope, Arb and Data Logger
- Flexible, Modular System: Mix and Match DC Source Power Levels and Measurement Performance Levels to Optimize Your Investment
- Greater Than 35 N6700 Series Modules From Which to Choose



Download the N6705C Datasheet



Learn More about the N6705C:

- **https://youtu.be/-KQs6m9XTf8**

Shop Keysight N6705C

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Vitrek PA900 Series

Precision Multi-Channel Harmonic Power Analyzers

PA900

- Highest Precision With Industry Leading Noise Floor – as Low as 1ppm vs 300ppm or More on Competitive Units
- Large, Hi-Resolution Color Display Shows All the Data You Want With an Easy-to-Use Touchscreen User Interface to Get You Up and Testing in No Time
- Up to 500 Harmonics at 400Hz, Meets Airbus Avionics Harmonics Measurement Criteria. Bar Graph Also Features Fingertip Selectable Numeric Amplitude and Phase Data

PA910 & PA920

- Supports a Variety of Compliance and Environmental Performance Standards Including:
  - EN60034-2-1:2014 (Motor Drives)
  - EN50564:2011 (Standby Power)
  - EN61000-3-2 and 3-12 and 4-7 (Harmonics Emissions)
- Easy-to-Use Color Touchscreen for Quick Setup, Measurement Configuration, Channel Selection and Use
- High Accuracy and Frequency Range 0.024% Power Accuracy, PA920 with VT Card

Learn More about the PA900 Series:

- **https://www.youtube.com/watch?v=FObehfsTgnY**



PA900

PA910

Download the PA900 Series Datasheet

Download the PA910 & PA920 Datasheet

Shop Vitrek PA900 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight N469xD
ECal Modules

The Keysight N469xD Series microwave electronic calibration modules make calibration of Keysight vector network analyzers (VNAs) fast, easy, and accurate.

- Precision 2-Port Microwave ECal Module with High Accuracy
- Broad Choice of Solutions (Frequency and Connector Types)
- Frequency Coverage from DC to 67 GHz
- Fast, Easy and Accurate Full Calibration
- Available in Male/Male, Female/Female, and Male/Female Connector Configurations
- Direct Control from Keysight Vector Network Analyzers Via USB



Download the N469xD Series Fact Sheet

Learn More about the N469xD ECal Modules:

- https://www.youtube.com/watch?v=ApWFI2QLkQ4



N4694D

Shop Keysight N459xD ECal Modules

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

KEYSIGHT

Keysight E36150 & E36300 Series

Autoranging & Programmable DC Power Supplies

E36150 Series

- Two Auto-Ranging 800W Models with Peak Power Handling up to 3X Max Power Rating
- Convenient Bench Form Factor with Front 4-Wire Remote Sensing and Detachable High Current Front Binding Post
- Precise Output Control with High Accuracy and Low Ripple Noise
- Integrated Voltmeter and Ammeter
- Thermal-Control Fan Speed for Minimal Acoustic Noise

E36300 Series

- 4.3in LCD Color Display
- Color-Coded Channels
- Individual Knobs for Voltage & Current
- LAN (LXI), USB and GPIB
- Digital I/O Port
- Individual On/Off on All Channels
- Electrically Isolated Channels
- Front and Rear Output Terminals
- Excellent Programming/Readback Accuracy
- Low Output Ripple & Noise
- Excellent Line/Load Regulation: 0.01%
- Fast Transient Response Time: < 50 us

Learn More about the E36150 Series:

- **https://youtu.be/-WzwDdFBIHo**



E36154A

E36155A



E36312A

E36313A





E36311A



Download the E36150 Series Datasheet



Download the E36300 Series Datasheet

Shop Keysight DC Power Supplies

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Vitrek DL Series
Electronic DC Loads

Vitrek's DL Series Electronic Loads are available in a multiple configurations to meet your unique application requirements. No other electronic DC load on the market today is easier to use. Equipped with a full color LCD touchscreen display, the unit can quickly be set up for your next test.

- Easy-to-Use Color Touchscreen for Quick Setup, Measurement Configuration, Channel Selection and Use
- High Accuracy Measurements (0.05%) of Voltage and Current within Pulses or Sweep Steps as Short as 20µs
- Generates kW, mW or µW Loading
- 20:1 Higher and >1000:1 Lower Loading Capability Range than Most Presently Available DC Loads
- Fully Featured with Transient and Non-Linear Loading Capabilities Ranging from 125 to 500 Watts with the Additional Feature of Sweep Capability
- Wide Bandwidth Non-Linear Loading Modes
- Arbitrary Loading Sequence with Up to 100 Steps to Simulate Virtually Any "Real-World" Loading
- High Speed Pulsed Loading Up to 100kHz



Learn More about the DL Series:

- **https://youtu.be/qBlxyDVrFgQ**



Download the DL Series Datasheet

Shop Vitrek DL Series ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight N5700 & N8700 Series
DC Power Supplies

N5700 Series

- 24 Models: 750 W and 1500 W Output Power
- Up to 600 V and up to 180 A
- 85-265 VAC Universal AC Input
- Built-In Voltage and Current Measurement
- LAN (LXI Core), USB, and GPIB Interfaces Standard
- Small High Density 1 U Package
- Full Protection from Over-Voltage and Over-Current

N8700 Series

- Up to 600 V and up to 400 A
- Built-In Voltage and Current Measurement
- LAN (LXI Core), USB, and GPIB Interfaces Standard
- Small High Density 2 U Package
- Full Protection from Over-Voltage and Over-Current

Learn More about the N5700 Series:

- **https://www.youtube.com/watch?v=-nItDgakVFk&pp=ygUOa2V5c2lnaHQgTjU3MDA%3D**



N5700 Series



N8700 Series



Download the N5700 Series Datasheet



Download the N8700 Series Datasheet

Shop Keysight DC Power Supplies

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

KEYSIGHT

Keysight PZ2100A

Precision Source/Measure Unit Mainframe

Precision SMU mainframe that uncompromisingly and densely integrates a maximum of 20 SMU channels into a valuable 1U of rack space with flexible module options at their best performance.



- Scalable up to 20 ch, 20x Higher Density than Conventional SMU
- 5 SMU Module Options, Flexibly Configurable and Upgradable
- Single-Box Solution Simplifies Synchronization with Multiple SMUs at <50 ns Accuracy
- User-Friendly Graphical User Interface, Collectively Managing 20 Channels at Max. Accelerates Test Prototyping, Debugging, and Troubleshooting



Learn More about the PZ2100A:

- **https://youtu.be/GBAR3J4Tri0**





Download the PZ2100A Datasheet

Shop Keysight PZ2100A

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

KEYSIGHT

Keysight AC6800B Series Basic and 6800C Series Performance AC Sources

AC source alternatives. The quality and capability you need. Keysight Assured. Keysight offers two families of AC power sources to meet your AC test challenges – from basic to complex. Both families may be used to produce DC power, either alone or as a DC offset to an AC waveform. All models are backed with global support and the longest standard warranty in the industry (3 years).



AC6800B Series

AC6800B Series Basic AC Sources

- 310 Vrms Output Capability
- 500 VA, 1000 VA, 2000 VA, and 4000 VA Single-Phase Models to Meet Your Basic AC Power Source and Measurement Requirements
- An Intuitive User Interface Tested Over Time
- Flexible I/O: LAN/LXI Core and USB (Standard), and GPIB (Optional Plug-in Card)

6800C Series Performance AC Sources/Analyzers

- 375 VA, 750 VA & 1750 VA Single-Phase Models are Available to Meet Your Performance AC Source Requirements
- Extensive Built-in Power Measurement Capabilities
- Integrated Transient Waveform Generation and Harmonic Capabilities to Simulate and Analyze Your AC Environment
- I/O Capability: LAN/LXI Core, USB (Standard), and GPIB



6800C Series



Download the AC6800B Series Datasheet



Download the 6800C Series Datasheet

Shop Keysight AC Sources

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight U1200 Series & 3458A
Digital Multimeters

U1200 Series

- U1230 Series HH DMMs are Basic Models with Built-in LED Flashlight, Visual Alert and Non-Contact Voltage Detection
- U1240 Series HH DMMs Come with Switch Counter for Glitch Detection, Harmonic Ratio, and Dual/Differential Temperature Measurements
- U1250 Series HH DMMs Come with Built-in Square-Wave Generator and Frequency Counter
- U1270 Series HH DMMs are Rugged IP-54 Rated Models that Work at up to 3000M Altitude, and Come with Low Pass Filter & Low Impedance Mode (U1273AX Works to -40°C)
- Data Logging Capability (U1280 & U1240C)
- Frequency Counter (U1280)
- Square Wave Output 1 (U1280)
- CAT IV 600 V / CAT III 1000 V Overvoltage Protection

3458A

- High Performance 8-1/2 Digits of Resolution, Up to 100,000 Readings/Second
- 8-ppm 1 Year dcV Accuracy, Optional 4-ppm
- 0.05 ppm dcV Transfer Accuracy
- Superior AC Voltage Measurements

Learn More about the U1200 Series:

- **https://youtu.be/s2i1yFCXj_E**





Download the U1230 Series Datasheet

Download the U1240C Series Datasheet

Download the U1250 Series Datasheet

Download the U1280 Series Datasheet

Download the 3458A Datasheet

Shop Keysight Digital Multimeters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight U1730C Series
Handheld LCR Meters

U1730C Series handheld LCR meters allow you to measure at frequencies as high as 100 kHz—a capability typically found only in benchtop meters.

- 20,000 Counts Resolution
- 0.2% Basic Accuracy
- Wide LCR Ranges with Three to Five Selectable Test Frequencies (up to 100 kHz for U1733C)
- Auto Identification (Ai) Automatically Determines and Displays Component Type and Measurements
- Detailed Component Analysis with DCR, ESR, Z, D, Q, and θ Functions
- Battery Life of 16 Hours/AC-Powered
- IR-to-USB Connectivity for Data Logging to PC



Download the U1730C Series Datasheet

Learn More about the U1733C:

· https://youtu.be/2GfIM4OFBMQ



U1731C U1733C U1732C

Shop Keysight U1730C Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SECTION F
RECORDERS & DATA

Make Sure Your Instrument is
CALIBRATED BY TRANSCAT®

- Data Acquisition
- Temperature Scanners

Visit Transcat.com for a Detailed List

AData Acquisition F3
Temperature Scanners F2

Fluke Calibration 1586A Super-DAQ
Precision Temperature Scanner

The 1586A Super-DAQ is the most accurate and flexible temperature data acquisition system on the market. It scans and records temperature, DC voltage, DC current and resistance for up to 40 input channels with scan speeds as fast as 10 channels per second. The Super-DAQ can be configured for use as a multi-channel data logger in the factory or as a precision reference thermometer for benchtop sensor calibration in the lab.

- Measure Thermocouples, PRTs, Thermistors, DC Voltage, DC Current, and Resistance
- Excellent Temperature Measurement Accuracy:
  - PRTs: ± 0.005°C (Using External DAQ-STAQ Multiplexer
  - Thermocouples: ± 0.62°C (Using High-Capacity Module and Internal CJC)
  - Thermistors: ± 0.002°C
- Data Acquisition System: Up to 40 Input Channels
- Selectable Scan Speeds: Maximum of 10 Channels per Second
- Real-Time Color Trending: Chart Up to Four Channels Simultaneously
- Automate Temperature Sensor Calibration using Fluke Calibration Temperature Sources Such as Drywells and Micro-Baths



Learn More about the 1586A:

- **https://youtu.be/7zWzfU2ioVI?si=vAajJQF346at5Aiu**



Download the 1586A Super-DAQ Datasheet

Shop Fluke Calibration 1586A Super-DAQ ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Keysight DAQ970A
Data Acquisition System

Create flexible, reliable data acquisition and switching systems in one compact, economical unit.

- 3-Slot Mainframe with USB and LAN or GPIB
- 6 1/2-Digit (22-Bit) Internal DMM, Scanning up to 450 Channels Per Second with New Solid-State Multiplexer Module
- 9 Switch and Control Plug-In Modules to Choose From
- Built-In Signal Conditioning Measures Thermocouples, RTDs and Thermistors, AC/DC Volts and Current; Resistance, Frequency/Period, Diode Test and Capacitance
- 100k Readings of Non-Volatile Memory Holds Data when Power is Removed
- Hi/LO Alarm Limits on Each Channel, Plus 4 TTL Alarm Outputs
- BenchVue Software Enabled: BenchVue DAQ Control and Analysis App Enables You to Create Tests Without Programming
- Code Compatible with 34970A/34972A



Learn More about the DAQ970A:

· https://www.youtube.com/watch?v=wvBZG7kyiG8&pp=ygUQa2V5c2lnaHQgZGFxOTcwYQ%3D%3D





Download the DAQ970A Datasheet

Shop Keysight DAQ970A

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SECTION G
PLANT MAINTENANCE & ENVIRONMENTAL

Make Sure Your Instrument is
CALIBRATED BY TRANSCAT®

- Airflow Meters
- Clamp Meters
- Irradiance Meters
- Multimeter Kits
- Stroboscopes
- Tachometers

Visit Transcat.com for a Detailed List

Airflow Meters G22
Battery Analyzers & Testers G27-G28
Cable & Network Testers G29
Charge Amplifier G18
Clamp Meters G2-G6
Clamp-Ons, Current G7-G8
Electrical Tester Kits G2
EV Adapter G16
EV Checker G17
Irradiance Meter G4, G12
Laser Distance Meters G9
Laser Levels G10-G11
Microanemometers G22
Motor Drive Analyzer G26
Multimeter Kits G3, G6-G8
Particle Counters G23
Phase Rotation Indicators G25
Multifunction PV Tester and Performance Analyzer G13
Solar Clamp Meters G4
Stroboscopes G14
Tachometers G15
Troubleshooting & Preventative Maintenance Kits G2
Vibration Tools G24
Videoscopes G19-G20
Voltage Detector Kits G2

Fluke Specialty Maintenance Kits

T5-600/62MAX+/1AC II
IR Thermometer, Electrical Tester and Voltage Detector Kit

This kit is designed to help electricians and HVAC technicians solve problems quicker.



T5-600/62MAX +/1AC KIT ›

T6 Kits
Electrical Tester Kits

T6 kits are perfect for helping electricians and HVAC technicians solve problems faster.



T6 KIT ›

1587/MDT FC Kit
Troubleshooting and Preventative Maintenance Kit

The products in this kit have been specifically selected for both troubleshooting and preventative maintenance applications.



1587/MDT FC KIT ›

1587 FC Kit/62 MAX+
Advanced Electrical Troubleshooting Kit

Establishing preventative maintenance programs are becoming critical to maintaining the uptime of electrical equipment and can significantly reduce both planned and unplanned downtime.



1587/I400 FC ›

62 MAX+/T+PRO/1AC
IR Thermometer and Voltage Detector Kit

This kit combines the rugged Fluke 62 MAX+ IR thermometer with the full featured T+PRO voltage continuity tester and the easy-to-use 1-AC-II non-contact voltage detector in a soft case.



62 MAX+/T+PRO/1AC ›

62 MAX+/323/1AC
IR Thermometer, Clamp Meter and Voltage

The new Fluke-62MAX+/323/1AC Kit with soft case is designed to help electricians and HVAC technicians solve problems quicker.



62 MAX+/323/1AC ›

Fluke Specialty Digital Multimeter Kits

289 & 287 Fluke Connect™
FlukeView® Forms Combo Kit

Designed for today's professionals involved in the R&D, maintenance, manufacture and design of electronic circuits or systems.



FLUKE CONNECT 289 & 287 Fluke Connect™ ›

179/EDA2
Electronic Multimeter and Accessory Kit

Multimeter and accessory kit designed to meet the demands of the Electronic Professional.



179/EDA2 ›

87V/E2
Industrial Combo Kit

Make industrial troubleshooting even more productive.



87V/E2 ›

87V MAX/E2 KIT
Rugged, True-rms Digital Multimeter Kit

Built around the Fluke 87V MAX, the most rugged Fluke digital multimeter, and includes special accessories to make you even more productive on the job. This kit offers great savings.



87V MAX/E2 KIT ›

116
Industrial Combo Kit

The extra value-packed HVAC Technician's Combo Kit provides the ability to troubleshoot and solve problems more efficiently.



116/62MAX+ ›

116
HVAC True-RMS Multimeter and Clamp Meter Combo Kit

The extra value-packed HVAC Technician's Combo Kit provides the ability to troubleshoot and solve problems more efficiently.



116/323 KIT ›

Shop Fluke Digital Multimeter ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke Solar Bundles

393 FC DMM & Solar Clamp Meter Kit

DMM, Clamp Meter and PV Test Lead Bundle

- Measure safely with CAT III 1500 V Rated Clamp Meter
- PV Test Leads Connect Measuring Devices to Solar Pv Power Plants, for Use in Regular Tests, Measurements, and Troubleshooting

87V Max and Test Leads

DMM and PV Test Lead Bundle

- Fully Waterproof and Dustproof with IP67 Rating and 4-Meter Drop Proven
- PVLEAD1 Test Leads Ensure Safe Current and Voltage Measurements on PV Modules and Systems

Solar Tool Kit

Clamp and Irradiance Meter with MC4 Test Leads Bundle

- Work Efficiently with DC Power Measurement, Audio Polarity and Visual Continuity
- IRR1 Irradiance Meter for Measuring Solar Irradiance, Ambient, and Pv Module Temperature, Array Orientation and Tilt Angles

Learn More about Working in the Solar Industry:

- **https://youtu.be/UQYn6rNi6yw**

NEW

FLUKE



393 FC DMM & Solar Clamp Meter Kit



87V Max and Test Leads



Solar Tool Kit

Shop Fluke Solar Bundles

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke IB376K

376 FC True-RMS Clamp Meter+ Insulated Hand Tools Kit

Fluke 376 FC True-RMS clamp Meter+ insulated hand tools starter kit (5 insulated screwdrivers and 3 insulated pliers) roll-up tool pouch.

- Fluke 376 FC True-RMS Clamp Meter
- 3 Slot Screwdrivers
- 2 Phillips Screwdrivers
- 3 Insulated Pliers
- Voltage: 1000V AC and 1500 DC Insulated
- Frequency Range: Up to 500 Hz
- Safety Rating: CAT IV 600V, CAT III 1000V
- AC Input Current: 1000A AC



Download the IB376K Brochure



Learn More about Fluke 1000 Volt Insulated Hand Tools:

- https://youtu.be/n6kZ4LbXN8A

Shop Fluke IB376K

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 179-2/IMSK

Industrial Multimeter Service Kit

With its precision, reliability, and ease of use, the Fluke 179 True RMS Digital Multimeter is the preferred solution for professional technicians around the world. With all the features you need to troubleshoot and repair in electrical and electronic systems, the Fluke 179 also offers a digital display with analog bar graph and built-in temperature measurements.

- AC Voltage and Current Ranges are Specified from 5% of Range to 100% of Range
- Recording Mode Captures the Minimum and Maximum Input Values
- 6000-Count, 3-3/4-Digit Display and a Bar Graph
- Runs about 200 hours without Backlight On One 9-Volt Battery (Included)
- Increases Productivity with Manual and Automatic Ranging, Display Hold, Auto Hold, and Min/Max-Average Recording
- Includes a Built-In Thermometer to Measure Temperature without Having to Carry a Separate Instrument

Service Kit Also Includes the Fluke 323 True RMS Clamp Meter:

- Measures AC Current to 400 A
- Measures AC Voltage and DC Voltage to 600 V
- Provides True-RMS AC Voltage and Current for Accurate Measurements on Non-Linear Signals
- Measures Resistance to 4 kΩ with Continuity Detection
- Features a CAT III 600 V, CAT IV 300 V Safety Rating







Download the 179-2/ IMSK Datasheet

Shop Fluke 179-2/IMSK

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 87V/IMSK

Industrial Multimeter Service Combo Kit

Fluke has combined the best selling feature packed 87V Multimeter with the i400 AC Current Clamp. Together they provide the ability to troubleshoot most industrial problems, providing you with the functionality you need to effectively do your job. The 87V/IMSK kit represents a significant savings over buying the items separately.

- Fluke-87V Multimeter with Temperature Frequency, Capacitance 250 µs Peak Min-Max
- 6000 Counts, 3-3/4 Digits
- Unique Function for Accurate Voltage and Frequency Measurements on Adjustable Speed Motor Drives and Other Electrically Noisy Equipment
- Fluke-i400 AC 400A Current Clamp
- Companion to Your DMM to Measure up to 400 A AC
- 1mA/Amp Output Guarantees Easy Reading on Your Meter
- Only Current Clamp Available with a CAT IV 600 V / CAT III 1000 V Safety Rating
- Specially Designed to Offer Maximum Utility in a Very Compact Shape
- 22 of the Most Useful Accessories for Making Measurements in Low Energy, Electronic Applications
- 80BK-A Thermocouple Bead Probe
- TL75 Test Leads
- AC72 Alligator Clips
- Limited Lifetime Warranty on Fluke-87V and 1-year Warranty on Accessories





Download the 87V/ IMSK Datasheet

Shop Fluke 87V/IMSK ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 289/IMSK

Industrial Multimeter Service Combo Kit

Fluke has combined its advanced data logging 289 Multimeter with Trendcapture with the i400 AC Current Clamp. Together they provide the ability to troubleshoot most industrial problems. The Fluke-289/IMSK Industrial Multimeter Service Combo Kit represents a significant savings over buying the items separately.

- Fluke-289V Advanced Data Logging Multimeter
- Trendcapture: Record, Graph and Review Measurements in the Field
- Large 50,000 Count, ¼ VGA Display with White Backlight
- Unique Function for Accurate Voltage and Frequency Measurements on Adjustable Speed Motor Drives and other Electrically Noisy Equipment
- LoZ Volts. Low Impedance Voltage Function Prevents False Readings Due to "Ghost Voltage"
- 50 Ohm Range - Useful for Measuring and Comparing Differences in Motor Winding Resistance
- Fluke-i400 AC 400A Current Clamp
- Companion to Your DMM to Measure up to 400 A AC
- 1mA/Amp Output Guarantees Easy Reading on Your Meter
- Only Current Clamp Available with a CAT IV 600 V / CAT III 1000 V Safety Rating
- Specially Designed to Offer Maximum Utility in a Very Compact Shape
- TL75 Test Leads
- AC72 Alligator Clips





Download the 289/ IMSK Datasheet

Shop Fluke 289/IMSK ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 424D and 417D
Laser Distance Meters

These meters are fast, accurate, durable, and easy to use—just point and shoot. Their simple design and easy one-button operation means you spend less time measuring while increasing the reliability of the answers that you need.

- Instant Measurement with One-Button Operation
- Easy Targeting with Bright Laser
- Quick Calculation of Area (Square Footage) and Volume
- Easy Addition and Subtraction of Measurements
- Minimum/Maximum Function
- Improved Battery Life from Automatic Shut-Off Feature
- Pythagoras Calculation for Determining Distance Indirectly from Two Other Measurements



Download the 424D Datasheet



Download the 417D Datasheet

Learn More about Fluke Laser Distance Meters:

- **https://youtu.be/n6kZ4LbXN8A**



424D



417D

Shop Fluke Laser Distance Meters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke PLS 3X & 180X Series
Point Lasers

The new PLS red and green laser levels offer the durability and precision you expect from PLS, a Fluke Company. The fast settling, self-leveling pendulum gives you accurate reference lines almost instantly.

- Accuracy: ≤1/8 in at 30 ft. (≤3 mm @ 10 m)
- Durable Pendulum Lock to Secure the Laser During Transport or if Dropped
- IP54 Safety Rating

PLS 180R, PLS 180G:

- Kit Includes Magnetic L-Bracket for Fast, Easy Overhang and Centerline Measurements, Rechargeable Battery Pack and the UB9 Universal Wall/Ceiling Bracket for Fine Vertical Adjustment and Ceiling Installation
- System Includes the SLD Laser Line Detector for Use in Bright Lighting, Long Distances, or Outdoors

PLS 3R, PLS 3G:

- The PLS 3G Green Beam Laser is Up to Three Times Brighter Than the PLS 3R Red Beam, Making it Ideal for Projects Over Longer Distances or With Bright Lighting
- Kit Includes Floor Stand and L-Bracket for Fast, Easy Overhang and Centerline Measurements

Learn More about Fluke Point Lasers:

- https://youtu.be/N56ax9V14HU



3X

108X



Download the 180X Datasheet



Download the 3X Series Datasheet

Shop Fluke Point Lasers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke PLS HV2R

Rotary Lasers & Rotary Laser Kit

The PLS HV2 family of rotary lasers are designed for the construction job site, offering a rugged ergonomic design and simplified controls. The HV2 model in red or green emits a laser line in the horizontal or vertical plane.

- The HV2R and HV2G Rotary Laser Level Emits a Self-Leveling Horizontal Laser Plane and can be Used in the Vertical Position to Emit a Vertical Laser Plane. Applications Include Setting Foundations and Footings, Concrete Pours, Drywall Terracing, Contour Framing and Suspended Ceiling Installation
- The HV2R and HV2G Come with a Metallic Ceiling and Wall Bracket to Help With Large Suspended Ceiling Layout and Installation



PLS-HV2R-SYS



Download the PLS HV2R Datasheet





PLS-HV2R-KIT

Shop Fluke PLS HV2R

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE

Fluke IRR1-SOL
Solar Irradiance Meter

The Fluke IRR1-SOL Irradiance Meter has been designed from the ground up to simplify the installation, commissioning, and troubleshooting of photovoltaic arrays, measuring irradiance, temperature, inclination and direction of the solar array in a single handheld tool.

- Make the Critical Measurements Needed for Installing, Testing, Maintaining and Reporting on Solar Panels or Photovoltaic Systems with One, Easy-to-Use Tool
- High Precision Mono-Crystalline Solar Sensor: Instantaneous Irradiance Measurements up to 1400 w/m2
- Two Options for Temperature Measurement: Use Built-In Temperature Sensor or External Suction Mount Temperature Probe to Measure Ambient and Panel Temperature
- Compass (Range): 0° to 360°
- Integrated Compass and Inclination Sensor: Measure and Document Site and Panel Orientation and Inclination
- Irradiance (Range, Resolution and Accuracy): 0 - 1400 W/m^2; 1 W/m^2; ± (5 % + 5 Digit)
- Temperature (Range): -22°F to 257°F (-30 °C to 125 °C)
- Inclination Sensor (Range, Resolution, Accuracy): -90° to +90°; 0.1°; ±1.5°



Learn More about the IRR1-SOL:

- **https://youtu.be/v-irfMiX9rw**





Download the IRR1-SOL Datasheet

Shop Fluke IRR1-SOL

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE

Fluke SMFT-1000

Multifunction PV Tester and Performance Analyzer, I-V Curve Tracer

Designed for PV professionals that provide installation, commissioning and maintenance services to systems that operate at 1000 V DC or under, the SMFT-1000 provides a complete PV testing solution that conforms to IEC 62446-1 standards.

- Full Sequence Safety Testing – IEC 62446-1 Category 1: Protective Resistance Earth (RLO, Voltage on Open Circuit, Including Polarity (VOC), Short Circuit Current (ISC), Insulation Resistance (RINS)
- ROI and System Performance Testing – IEC 62446-1 Category 2: I-V Curve Tracing and Software Analysis with TruTest, Irradiance, Temperature, Tilt, Cardinal Direction
- Includes a Wireless Irradiance Meter, No Leads Required
- Color Screen with Integrated Interface Allows for On-Screen Instructions Provide an Easy Walkthrough of Tests
- Compatible with Fluke TruTest™ Data Management Software



SMFT-1000/KIT



SMFT-1000/PRO

Learn More about the SMFT-1000:

- https://youtu.be/Ws6P4Q0R51k



Download the SMFT-1000 Datasheet

Shop Fluke SMFT-1000 ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 820-2
LED Stroboscope

The Fluke 820-2 LED Stroboscope is a simple, easy-to-use tool to stop motion for measurement and diagnostic purposes.

- High Intensity 7-LED Array—4,800 Lux @ 6,000 FPM/30cm
- High Efficiency LED Solid-State Light Source with Uniform Flash Characteristics Allow for Higher Flash Rates—30-300,000 FPM (Flashes per Minute)
- Digital Pulse Width Modulation for Exceptionally Sharp Images at High Speeds
- Rugged, Durable Design Utilizes Solid-State LEDs with no Filaments, Gases, Hollow Cavities, or Glass (One Meter Drop)
- Quartz-Accuracy Control System Provides High Accuracy: 0.02% (±1 Digit)
- Multi-Line LCD Display
- Check the Rotating Speed of Machinery without Physical Contact or Need for Reflective Tape
- Advance or Retard Flash Timing for Viewing Gear Teeth, Cutting Surfaces, Repeats, or "Drifting" Equipment
- Simple Push Button Operation with 2x and ÷2 Buttons for Easy Adjustment





Download the 820-2 Datasheet





Shop Fluke 820-2

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SHIMPO

Shimpo Tachometers

Non-Contact/Contact Laser Tachometers

- Extended Range to 99,999 RPM Covers Wider Range of Applications
- Expanded Memory Stores up to 10 Readings Plus Last, MAX, MIN; Retains Readings for Five Minutes
- Rugged Aluminum Housing Provides Exceptional Durability
- Included Adapters Allow RPM, YPM, mPM, FPM, IPM Speed Measurements Plus Yard, Meter, Foot, Inch Length Measurements
- 1/4 x 20 Tripod Mounting Hole

Contact Tachometers

- Speed is Displayed on the 5-Digit LCD Display. Revolutions, Yards, Meters, Feet, and Inches. 7236FST-1 Shares the Same Basic Features while Offering an LED Display
- Linear and Rotational Measurements
- Length and Total Revolutions
- 1/4 x 20 Tripod Mounting Hole

DT-2100 Data-Logging, Contact/Non-Contact Tachometers

- Data Storage in Selected Groups Allows Testing of Multiple Machinery without Mixing Data
- View Data and Statistics on Display or Utilize Optional Software for Additional Analysis on a PC
- Max., Min., Ave., Standard Deviation & Number of Recordings as well as Acceleration are Calculated and Reviewable
- Length (Distance) Measurement Function in Non-Contact Mode Allows Length Measuring in Applications Where Making Contact with the Machinery is Difficult and/or Dangerous
- Bright Graphical LED Rotatable Display with Multiple Easy to Read Display Modes and Comparator Setting Enables Upper/Lower Limit Threshold



DT-205LR



DT-2100



DT-105A



Download the DT-205LR & DT-207LR Datasheet



Download the DT-105A & DT-107A Datasheet



Download the DT-2100 Datasheet

Shop Shimpo Tachometers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE

Fluke FEV100

Adapter Kit for Electric Vehicle Charging Stations

Test the safety and performance of type 1, level 1 or level 2 electric vehicle AC charging stations (EVSEs) with the Fluke FEV100. This test adapter simulates the presence of an electrical vehicle, allowing you to conduct tests in combination with appropriate test instruments such as a digital multimeter or oscilloscope.

- Check that an Electric Vehicle Charging Station is Correctly Wired and that Protective Earth is Functioning Properly with the PE Pre-Test Feature
- Perform GFCI Troubleshooting of an Electric Vehicle Charging Station and Verify it is Functioning Properly for Safety
- Test Different Charging States of an Electric Vehicle Charging Station with the Turn of a Button. Verify the Charging Voltage Using a Digital Multimeter
- CP State Simulation: A: ± 12V 1kHz; B: 2.74kΩ +9 V / -12V 1kHz; C: 882Ω +6 V / -12V 1kHz; D: 246Ω +3V / -12V 1kHz
- Output Voltage: Max. 250 V / 60 Hz, CAT II 300 V
- Compatibility with Other Test and Measurement Tools: Digital Multimeter, Oscilloscope

Learn More about the FEV100:

- **https://youtu.be/3VQc-y3W9RY**









Download the FEV100 Datasheet

Shop Fluke FEV100

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

Megger®

Megger® EVCC300

Electric Vehicle Charger Checker, Type 1 & 2 Connections

The new EVCC300 introduces a new and convenient way of checking Electric Vehicle charge points. A simple all in one concept provides an easy to use solution to check both the safety and operation of level 1 and two phase level 2 EV chargers.

- Checks Level 1 and Two Phase Level 2 Chargers
- Checks Chargers with SAE J1772 Type 1 and Type 2 Connectors
- Performs Four EV Charger Safety Checks
- Performs Four EV Charger Operation Checks
- Checks to See if Nuisance Tripping of GFCI is Likely to Occur
- Reads Control Pilot State Response from EV Charger to IEC61851-1



Download the EVCC300 Datasheet

Learn More about the EVCC300:

- **https://youtu.be/vofzXOXaBIg**







Shop Megger® EVCC300

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

NEW

mtiinstruments By VITREK

MTI Instruments by Vitrek 55CA

Single Channel Rugged Charge Amplifier

The rugged and versatile 55CA Charge Amplifer provides front-end signal conditioning for all major charge-based accelerometers, piezo-based pressure devices, and piezo-based acoustic devices. Multiple, independent output and filter options are standard.

- Highly Ruggedized with Multiple Mounting Options
- Built-In Filtering Options, Allowing for Customized High-Pass Filters, Low-Pass Filters, and Gain
- Multiple, Independently Buffered Output Options are Standard, Including: Single-Ended Acceleration, Differential Acceleration, Single-Ended Velocity, and Differential Velocity
- Flexible Power Options, Including Single Voltage Rail and Multiple Power Rail Configurations
- Options for Single-Ended Charge Devices and Differential Charge Devices



Download the 55CA Datasheet



Shop MTI Instruments 55CA

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

FLIR VS80 Series
High-Performance Videoscope

The FLIR VS80 is a versatile, professional videoscope that you can rely on when inspecting locations that are difficult or unsafe to access.

- View Detailed Imagery with 10mm to Infinity Visual Probe Depth of Field
- 7 inch Touchscreen Display with a 1024 x 600 pixel Resolution
- Seven Unique Compatible Probes with Waterproof (IP67) Camera Tips (Sold Separately or as a Kit)
- Durable Design, Able to Withstand a 2m (6.6ft) Drop and Splashproof (IP54 Rated)
- Install the Sun Visor When Using the VS80 Outdoors and in Other Environments Where Bright Light Makes it Difficult to See the Screen
- Capture up to 1280 × 720 HD Resolution Still Images and Video (with Audio)
- FLIR Tools Mobile App Allows You to View Saved Images and Video, Download Files, and Share Them Easily with Customers or Colleagues



Download the VS80 Series Datasheet

Learn More about the VS80 Series:

- **https://youtu.be/8TY-iXttm3o**



VS80





VS80-KIT-2

Shop FLIR VS80 Series

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke DS703 FC
Diagnostic Videoscope

Rugged, industrial videoscope with dual view imager. Inspection camera with 7” LCD screen for accurate diagnostics in difficult to reach spaces.

- High-Definition 1280 X 720 Resolution
- High Powered Processor and a Seamless and Intuitive User Experience Makes for an Easy to Use Interface and Simple Button Technology
- Touch Screen Interface and Fluke Connect®
- Up Is Up® Technology Rotates the Display Screen to Automatically Allow for Appropriate Image Display, Regardless of the Orientation of the Probe
- Immersible Probe, Withstands Some of the Wettest and Dirtiest Environments



Download the DS703 FC Datasheet



Learn More about the DS703 FC:

- https://youtu.be/x2JHBYBfo28





Shop Fluke DS703 FC

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 922
Airflow Meter/Micromanometer

Makes airflow measurements easy by combining differential pressure, air flow, and velocity into a single, rugged meter. Used with any pitot tube, the Fluke 922 is the perfect entry point for technicians measuring air flow for the first time, yet powerful enough for advanced users.

- Powerful Meter Provides Differential and Static Pressure, Air Velocity and Flow Readings
- Monitor Indoor vs. Outdoor Pressure Relationships and Manage the Building Envelope
- Measure Pressure Drop Across Filters and Coils
- Match Ventilation to Occupant Loads
- Promote Indoor Comfort and Quality
- Rugged Design Built for Field Use
- Easy to Use without Sacrificing Performance
- User-Defined Duct Shape and Size for Maximum Airflow Accuracy
- Convenient Colored Hoses Help you Properly Diagnose Pressure Readings
- Bright, Backlit Display for Clear Viewing in All Environments
- Min./Max./Avg/Hold Functions for Easy Data Analysis
- Auto Power Off



Download the 922 Datasheet



Shop Fluke 922

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 985
Particle Counter

From filter testing to IAQ investigations, the Fluke 985 is the portable solution for determining airborne particle concentrations.

- Six Channels and a Particle Size Range of 0.3 µm to 10 µm
- Ultra-Lightweight and Ergonomic Design
- Long Battery Life: Ten Hours of Standard-Use Battery Life
- Large 3.5 QVGC Color display
- 10,000 Record Storage
- Option Password Control: Confirms Security when Required
- USB/Ethernet Charge Cradle: Assures Device is Always Ready to Go when Needed
- Measure Filter Efficiency
- Monitor Industrial Cleanrooms
- Pre-Screen Indoor Air Quality and Confidently Work with IAQ Specialists
- Locate Particle Sources for Remediation
- Report the Effectiveness of Repairs to Customers
- Drive Additional Business by Demonstrating the Need for Maintenance and Repair



Learn More about the 985:

- **https://youtu.be/0PgGTKKBG0g**



Download the 985 Datasheet

Shop Fluke 985

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

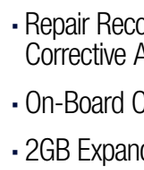
Fluke 810 and 805 FC
Vibration Tester and Meter

810

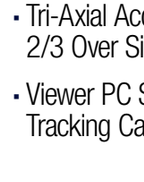
- On-Board Identification and Location of the Most Common Mechanical Faults
- Fault Severity Scale with Four Severity Levels
- Repair Recommendations Advise Technicians on Corrective Action
- On-Board Context Sensitive Help
- 2GB Expandable On-Board Memory
- Self-Test Function
- Laser Tachometer for Accurate Machine Running Speed
- Tri-Axial Accelerometer Reduces Measurement Time By 2/3 Over Single Axis Accelerometers
- Viewer PC Software Expands Data Storage and Tracking Capacity

805 FC

- Innovative Sensor and Sensor Tip Design Helps Minimize Measurement Variations Caused by Device Angle or Contact Pressure
- Consistent Data Quality at Both Low and High Frequency Ranges
- Four-Level Severity Scale Assesses Urgency of Problems for Overall Vibration and Bearing Condition
- Exportable Data via USB
- Trending in Excel Using Built-in Templates
- Overall Vibration Measurement(10 Hz to 1,000 Hz) for Acceleration, Velocity and Displacement Units of Measurement for a Wide Variety of Machines
- Crest Factor+ Feature Provides Reliable Bearing Assessment Using Direct Sensor Tip Measurements Between 4,000 Hz and 20,000 Hz
- Colored Lighting System (Green, Red) and On-Screen Comments
- Temperature Measurement with Spot IR Sensor Increases Diagnostic Capabilities
- On-Board Memory Holds and Saves up to 3,500 Measurements
- Audio Output for Listening to Bearing Tones Directly
- External Accelerometer



Download the 810 Datasheet



Download the 805 FC Datasheet



810



805 FC



Now compatible with Fluke Connect™ Mobile App

Upgrade to FLUKE CONNECT™

Shop Fluke Vibration Testers & Meters

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Fluke 9040
Phase Rotation Indicator

A portable handheld instrument designed to detect the rotary field of three-phase systems.

- Easily Determine Field Rotation and Phase Sequence
- Indication for All Three Phases
- Large Clear LCD Display
- No Battery Required
- Wide Frequency Range Suitable for Commercial and Industrial Applications
- CAT IV 300 V
- Two Year Warranty



Download the 9040 Datasheet



Shop Fluke 9040

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE

Fluke MDA-550-III

Motor Drive Analyzer 4 Channel Color Pro

Simplify complex motor-drive troubleshooting with guided test setups and automated drive measurements that provide reliable, repeatable test results.

- Measure Key Motor-Drive Parameters Including Voltage, Current, DC Bus Voltage Level and AC Ripple, Voltage and Current Unbalance and Harmonics, Voltage Modulation, and Motor Shaft Voltage Discharges
- Perform Extended Harmonics Measurements to Identify the Effects of Low and High Order Harmonics on Your Electrical Power System
- Conduct Guided Measurements for Motor-Drive Input, DC Bus, Drive Output, Motor Input and Shaft Measurements with Graphical Step-by-Step Voltage and Current Connection Diagrams
- Use Simplified Measurement Setup with Preset Measurement Profiles to Automatically Trigger Data Collection Based on the Chosen Test Procedure
- Create Reports Quickly and Easily that are Perfect for Documenting Troubleshooting and Collaborative Work with Others
- Measure Additional Electrical Parameters with Full 500 MHz Oscilloscope, Meter and Recording Capability for Complete Range of Electrical and Electronic Measurement on Industrial Systems





Download the MDA-550-III Datasheet

Shop Fluke MDA-550-III

Make Sure Your Instrument is CALIBRATED BY TRANSCAT







Megger



BITE5
Battery Impedance Tester

When a lithium-ion battery ages, there’s an increase in Solid Electrolyte Interface (SEI). As it increases, the battery’s capacity drops, and its impedance rises. The Megger BITE5, Battery Impedance Test Equipment, provides an ideal platform for locating poor cells.

Lithium-ion battery packs can be made with very high voltages. UPS systems can exceed 1000 V DC. Lithium-ion battery packs can exceed 100 V DC. Since the BITE5 can measure cells up to 200 V DC, it’s able to measure larger packs.

So why test up to 200 V batteries? Aside from being capable of testing large lithium-Ion batteries, the BITE5 allows you to test the entire string.

Some of the features of the BITE5 include:

- Records voltage, impedance, and temperature
- Touch screen display allows trending of all historical data
- Measures dc voltages up to 1000 V DC and ac voltages up to 600 V AC
- Tests lead acid (VLA and VRLA) NiCD, and Lithium-ion battery packs up to 200 V DC
- Supports discharge testing

So want to find a graceful way of aging?
Test with the Megger BITE5.

NEW

Megger®

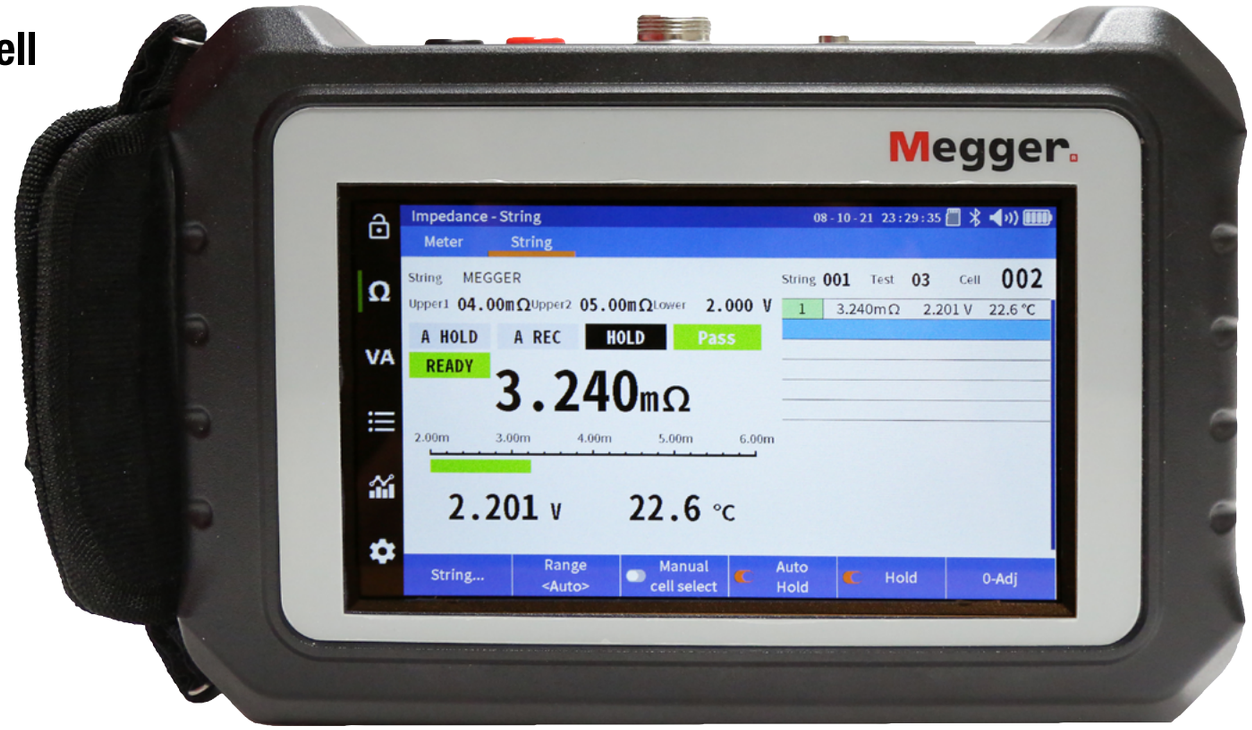
Megger® BITE5
Battery Tester

The BITE5 will test lead acid batteries, NiCD batteries as well as lithium-ion batteries. It will measure and record battery voltage, impedance, and temperature.

- Measures Impedance on Cells up to 200 V
- Supports Battery Discharge Testing
- Supports Lead Acid, NiCD and Lithium-Ion
- Measures DC Voltages up to 1000 V
- Measures AC Voltages up to 600 V
- Touch Screen Set-Up and Trending
- USB and Micro SD Card
- ·Measures AC and DC Current



Download the BITE5 Datasheet



Learn More about the BITE5:

· https://youtu.be/n7Te-FnRe9E





Shop Megger® BITE5 ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Fluke 500 Series
Battery Analyzers

Reduced testing complexity, a simplified workflow and an intuitive user interface provide a new level of ease-of-use in battery testing.

- Key Measurements: Battery Resistance, DC and AC Voltage, DC and AC Current, Ripple Voltage, Frequency and Battery Temperature
- Sequence Measurement Mode: Automatic or Manual Sequence Testing of Battery Strings with Automatic Measurement Storage Including Voltage, Resistance and Temperature (with BTL21 Intelligent Test Probe)
- Comprehensive Logging: All Measured Values are Automatically Captured During Testing and can be Reviewed on the Instrument Before Downloading for On-the-Go Analysis
- Optimized User Interface: Quick, Guided Setup Ensures You're Capturing the Right Data Every Time, and the Combined Visual and Audio Feedback Cues Reduce the Risk of Measurement Confusion
- Threshold Comparison: Configure Multiple Reference Values and Thresholds for Resistance and Voltage (Comparison Result Feedback after Each Measurement via Visual and Verbal Cues)
- Intelligent Test Probe Set (BT520 and BT521): Integrated LCD Display, Infrared Temperature Measurement (BT521 Only), Flashlight, Verbal Audio Feedback and Captures Voltage Readings and Temperature Logging Automatically or via Integrated Save Button
- Enhanced Data Analysis: Quickly Compare Trends, Analyze Results and Create Reports with Included Battery Management Software
- Highest Safety Rating in the Industry: Cat III 600 V, 1000 VDC Max. Rated for Safe Measurements all Around the Battery Power Supply Equipment







Download the 500 Series Datasheet

Shop Fluke Battery Analyzers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE networks

Fluke Networks LinkIQ™
Cable and Network Tester

The LinkIQ™ Network+Cable Tester is designed to provide trusted cable testing along with network testing professionals need to do their jobs.

- Measure Network Capacity up to 10 Gig Via Frequency Based Measurements
- Troubleshoot Active Networks by Providing Connected Switch Information (Switch Name, Port Number, and VLAN info)
- Graphical Wiremap and Length Test to Identify Common Faults that Occur with Cabling Installation
- Install and Troubleshoot PoE Devices Via Switch Negotiation and PoE Load Test
- Document Work Through LinkWare™ PC Reporting
- Support all Industrial Ethernet Protocols (EtherNet/IP, PROFINET, EtherCAT, and Others)
- Industrial Ethernet Kit Supports Industrial Connectors (M8D, M12D, M12X)



Download the LinkIQ™ Datasheet

Learn More about the LinkIQ™:

· https://youtu.be/z8v9YNMfYyE





Shop Fluke Networks LinkIQ™

Shop Fluke Networks LinkIQ™ Kits

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SECTION H
PHYS-D, WEIGHTS, MEASURES & TOOLS

Make Sure Your Instrument is
CALIBRATED BY TRANSCAT®

- Force Gauges
- Laser Alignment Tools
- Torque Gauges
- Weights

Visit Transcat.com for a Detailed List

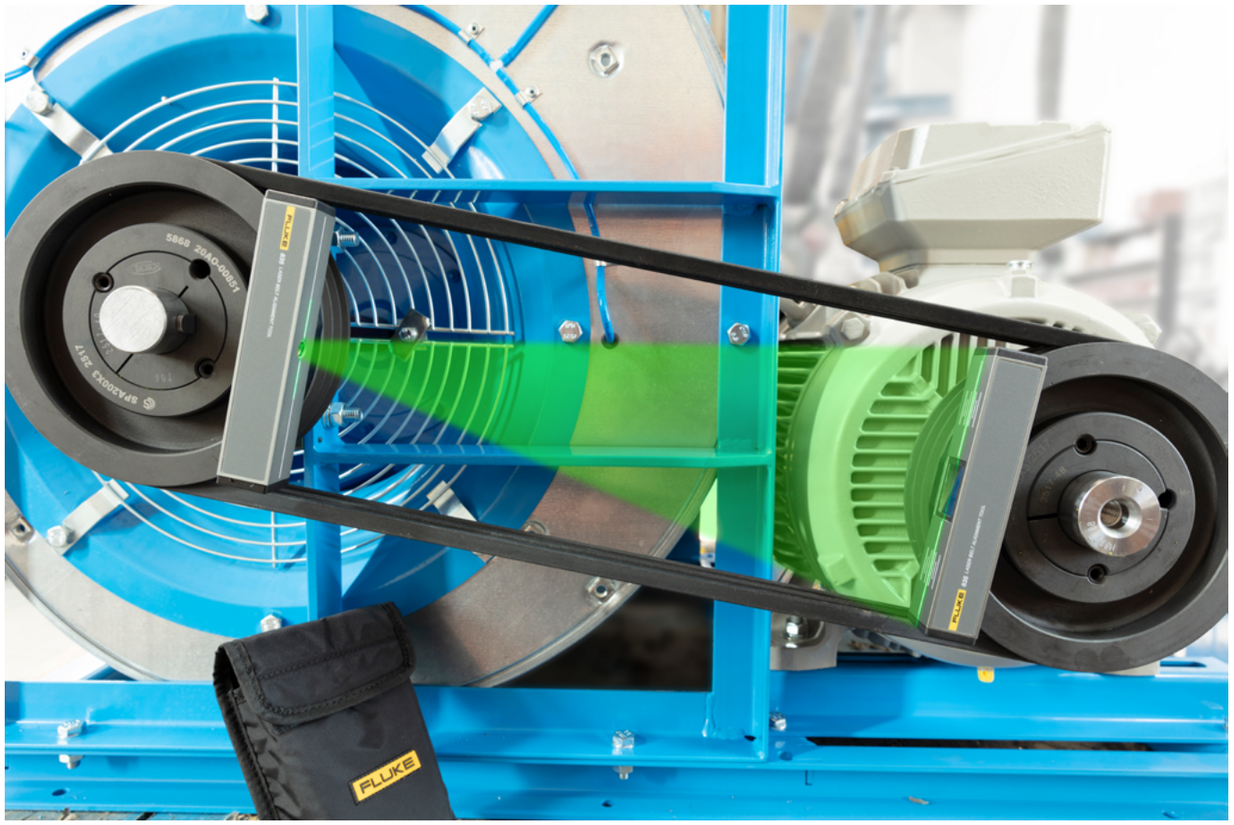
Balance Weights H11
Calibration Weights H8-H11
Cap Torque Testers H6
Cast Iron Weights H13
Digital Force Gauges H5, H7
Force Testers. H4
Handle Weights H13
Laser Alignment Tools H2-H3
Shaft Alignment Tools. H2
Slotted Scale Weights. H13
Test Weights H12
Torque H6
Torque Gauges H6
Weights & Weight Sets H8-H13

Fluke 835
Laser Belt Alignment Tool

Get more out of your belt driven systems through proper alignment.

- Tailor-Made for Pulley Alignment Jobs Because it is Easy to Use and Only Requires a Single Operator
- The Strong Magnets on the Two Units Mount Onto Virtually Any Pulley Face, Making it the Ideal Partner for Most Pulley Alignment Jobs
- It Leverages the Proven OPTALIGN® Reflected Beam Principle for Maximum Angular Resolution to Generate Accurate and Reliable Readings
- Its Time-Saving Method Requires No Cross-Checking and Shows Offset, Vertical, and Horizontal Angle Simultaneously
- With Four AAA Batteries, Fluke 835 Provides 6 Hours of Continuous Use
- Corrections are Quickly Made Live; Genuine Alignment is Achieved When the Transmitted Laser Line and the Corresponding Reflected Laser Line Harmonize with the Respective Reference Line







Download the 835 Datasheet

Shop Fluke 835

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

NEW

FLUKE

Fluke 831
Laser Shaft Alignment Tool

The Fluke 831 Laser Shaft Alignment Tool provides quick, easy, precision alignments of main stream coupling driven machines.

- Rugged sensALIGN® 3 Sensor and Reflector
- Single-Laser Measurement Technology for Better Data Accuracy
- Intuitive Guided User Interface Quickly and Easily Completes Machine Alignments
- Active-Clock Measurement Mode for Flexible, Reliable and Repeatable Measurements
- Unique Adaptive Alignment and Extend Mode Handles Gross Misalignment Adjustments
- 1280 x 800 Pixel Touch Screen
- Integrated Wi-Fi Cloud Solution to Easily Transfer Data









Download the 831 Datasheet

Shop Fluke 831

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

NEW

MARK-10

Mark-10 Series F + EasyMESUR®
Motorized Force Testers

Series F test frames with EasyMESUR® are engineered to perform a wide range of tension and compression tests, including break testing, cycling, limit testing to a load or distance, load holding, average force testing, and more.

- Exceptionally Rigid Frames Feature Custom Extrusion Designs, Engineered for Stiffness. Stepper Motors and Controllers Drive a Ballscrew and Linear Guideway for Smooth, Quiet Operation, with Minimal Speed Variation Under Load
- Frame Bases Can be Removed to Accommodate Column Extensions and Alternative Mounting Configurations. Integrated T-slots Along the Column Accommodate Add-Ons
- Solid-State Upper and Lower Limit Switches May be Used as Test Limits or as Test Exceptions. Dual-Graduated Rulers Aid in Switch Placement
- Series FS05 Smart Force Sensors Mount Directly to the Crosshead, Without any Connection Cables. Ranges Available from 0.12 to 500 lbF [0.5 N to 2.5 kN]
- Most Electronics are Housed in an Integrated Module, Easily Replaced without Special Tools or Processes
- Optional Function Packages:
  - Distance Measurement Package
  - Speed Extension Package
  - Advanced Functionality Package
  - Complete Options Package

Learn More about the Series F:

- **https://www.youtube.com/watch?v=ZKh8bv2rjbQ**



F305-EM



FS05 Tension and Compression Force Sensor



F505H-EM



Download the Series F Brochure

Shop Mark-10 Series F ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT®

Mark-10 Series 2, 3, and 5
Force Gauges

High accuracy, high performance gauges for tension and compression testing up to 500 lbs.

- High Speed Sampling Rate of 2,000 Hz (Series 2 and 3) and 7,000 Hz (Series 5)
- USB Output (Series 3 and 5)
- 1/1000 Resolution (Series 2 and 3) and 1/5000 Resolution (Series 5)
- Free Basic Data Collection Software Included (Series 3 and 5)
- Programmable High/Low Set Points with Audio/ Visual Alarms and Outputs (Series 3 and 5)
- Live Load Bar Graph with Audio/Visual Overload Alarms (Series 3 and 5)
- Ergonomic, Reversible Housing for Hand Held or Test Stand Use (Series 3 and 5)
- 3-Year Warranty and Made in the USA



M2-10

M5-10

M3-10

Download the Series 2 Datasheet

Download the Series 3 Datasheet

Download the Series 5 Datasheet

Learn More about the Series 3:

- **https://www.youtube.com/watch?v=x9oRh0cNXXM**

Shop Mark-10 Force Gauges

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Mark-10 TT01 and TT03 Series
Cap Torque Testers and Torque Gauges

Torque gauges and cap torque measurement up to 100 lbFin.

- Measures Cap Application and Removal Torque (TT01 Series)
- Measures Clockwise and Counter-Clockwise Torque with Peak Capture (TT03 Series)
- USB Output
- Programmable Set Point Indicators for Pass/Fail Determination
- High Speed 2,000 Hz (TT03 Series) and 7,000 Hz (TT01 Series) Sampling Rate Accurately Captures Peak Torque Values
- 3 (TT03 Series) and 5 (TT01 Series) Selectable Units of Measurement
- 3-Year Warranty and Made In USA



Download the TT01 Series Datasheet



Download the TT03 Series Datasheet

Learn More about the TT03 Series:

· https://www.youtube.com/watch?v=Ltq_JAwItDk



MTT03-100

MTT01-50

Shop Mark-10 Torque Gauges

Shop Mark-10 Cap Torque Testers

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Shimpo FGE-XY & FGV-XY
Digital Force Gauges

Digital Force Gauges with 180° reversible display & dual labeled keypad for both push, pull applications.

- 1000 Hz Sample Rate Provides Faster Sampling Producing Better Resolution and More Accurate Results
- Ideal for Strict Tolerances with its High Accuracy ±0.2% FS
- Measure and Record Compression and Tension Tests (Permits True “Push-Pull” Testing)
- On-Board Statistics Provides Immediate Results and Analysis of Test Data (FGV-XY)
- Real Time or Peak Hold Mode Easily Selectable with a Single Button Push
- Built-In Hi-Lo Comparator Function Provides User with Easy ‘Go-No Go’ Testing (FGV-XY)
- 180° Reversible Display and Dual Printed Keypad Allows Usage as a Portable Gauge or Mounted Upside Down on a Test Stand
- 1 Million Operation Load Cell with Superior Overload Protection Provides a Long-Life, Damage Free Product
- Rugged, Ergonomic Die Cast Aluminum Construction Allows Usage on Production Floor
- Variable Display Response Rate Aids Viewing Readings
- Expanded Memory for Reviewing Data Points and Transferring to PC/Laptop (FGV-XY)
- Flexible User Preference with One Button Selection of Engineering Units
- Dual Power Capable with Rechargeable Battery or AC Line Voltage
- CE Mark & RoHS Approval



FGE-0.5XY

FGV-10XY





Download the FGE-XY Datasheet



Download the FGV-XY Brochure

Shop Shimpo Digital Force Gauges ›

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Troemner UltraClass and ASTM Class 0
Individual Reference Calibration Weights

Troemner UltraClass and Class 0 Reference Calibration Weight and Mass Standard Sets offer the tightest tolerances, lowest uncertainties, and all surfaces are polished to a perfect finish to meet or exceed ANSI/ASTM E617 tolerance and design restrictions. UltraClass calibration weights are manufactured from high grade stainless steels including Troemner Alloy 8 which possesses closely controlled density, low magnetic susceptibility, and corrosion resistance.

- Troemner UltraClass and Class 0 Offers High Accuracy with Tight Tolerances and Uncertainties of Less than 1/4 of the Tolerance. Weight Surfaces Meet or Exceed ASTM and Have a Highly Polished Finish
- Available in High Grade Stainless Steels Including Troemner Alloy 8 Which Possesses Closely Controlled Density, Extremely Low Magnetic Properties, Good Stability, and Resistance to Corrosion
- Available with Certificate Options Traceable to NIST, Including ISO/IEC 17025 Accredited Certification or Traceable Certification to Aid in Meeting SOP and Regulatory Requirements



7218-0

Shop Troemner UltraClass ❯

Shop Troemner ASTM Class 0 ❯

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

Troemner ASTM Calibration Weight Sets 1, 4

Troemner ASTM Class 1-4 Calibration Weights and Calibration Weight Sets offer the tightest tolerances, lowest uncertainties, and all surfaces are polished to a perfect finish to meet or exceed ANSI/ASTM E617 tolerance and design restrictions. ASTM Class 1-4 calibration weights are manufactured from high grade stainless steels including Troemner Alloy 8 which possesses closely controlled density, low magnetic susceptibility, and corrosion resistance.

- Troemner ASTM Class 1-4 Offer High Accuracy with Tight Tolerances and Uncertainties of Less than 1/4 of the Tolerance. Weight Surfaces Meet or Exceed ASTM and Have a Highly Polished Finish
- Available in High Grade Stainless Steels Including Troemner Alloy 8 Which Possesses Closely Controlled Density, Extremely Low Magnetic Properties, Good Stability, and Resistance to Corrosion
- Available with Certificate Options Traceable to NIST, Including ISO/IEC 17025 Accredited Certification or Traceable Certification to Aid in Meeting SOP and Regulatory Requirements



7210-4T



80085TL

Troemner ASTM Calibration Weight Sets 1, 4 ❯

Troemner OIML Calibration Weight Sets

Troemner OIML Calibration Weights and Calibration Weight Sets offer the tightest tolerances, lowest uncertainties, and all surfaces are polished to a perfect finish to meet or exceed OIML R 111 tolerance and design restrictions. OIML Class E1, E2, F1, and F2 calibration weights are manufactured from high grade stainless steels including Troemner Alloy 8 which possesses closely controlled density, low magnetic susceptibility, and corrosion resistance.

- OIML E1-E2 and F1-F2 Offer High Accuracy with Tight Tolerances and Uncertainties of Less than 1/4 of the Tolerance. Weight Surfaces Meet or Exceed OIML R 111 and Have a Highly Polished Finish
- Available in High Grade Stainless Steels Including Troemner Alloy 8 Which Possesses Closely Controlled Density, Extremely Low Magnetic Properties, Good Stability, and Resistance to Corrosion
- Available with Certificate Options Traceable to NIST, Including ISO/IEC 17025 Accredited Certification or Traceable Certification to Aid in Meeting SOP and Regulatory Requirements



7420-E1W

Troemner OIML Calibration Weight Sets ❯

Troemner Electronic Balance Calibration Weights ASTM 1,4

Troemner ASTM Class 1 and 4 Electronic Balance Calibration Weights offer the tightest tolerances, lowest uncertainties, and all surfaces are polished to a perfect finish to meet or exceed ANSI/ASTM E617 tolerance and design restrictions. ASTM Class 1 and 4 calibration weights are manufactured from high grade 316 stainless steel which possesses closely controlled density, low magnetic susceptibility, and corrosion resistance.

- Troemner ASTM Class 1 and Class 4 Offer High Accuracy with Tight Tolerances and Uncertainties of Less than 1/4 of the Tolerance. Weight Surfaces Meet or Rxceed ASTM and Have a Highly Polished Finish
- Straight Cylinder Weights Available in High Grade 316 Stainless Steel Which Possesses Closely Controlled Density, Extremely Low Magnetic Properties, Good Stability, and Resistance to Corrosion
- Available with Certificate Options Traceable to NIST, Including ISO/IEC 17025 Accredited Certification or Traceable Certification to Aid in Meeting SOP and Regulatory Requirements



Electronic Balance Calibration Weights ASTM 1,4 ❯

Troemner ASTM Scale Test Weight Sets Class 5 and 6

Troemner Scale Test Weight Sets are available in metric or avoirdupois including ounce, pound, and grain. Scale calibration weight sets offer tight tolerances, low uncertainties, and all surfaces meet or exceed ANSI/ ASTM E617 tolerance and design restrictions. Class 5 and Class 6 scale calibration weight sets are manufactured from 303 stainless steel and are provided in a protective case and are available with Accredited or Traceable Certificate.

- Troemner ASTM Class 5 and Class 6 Offer High Accuracy with Tight Tolerances and Guaranteed Uncertainties as Low as 1/26 of the Tolerance. Weight Surfaces Meet or Exceed ASTM Tolerance and Design Restrictions
- Scale Calibration Weight Sets are Manufactured from Durable 303 Stainless Steel and are Provided in a Durable Protective Case to Ensure Weights are Held Securely, Kept Clean, and Dust Free
- Available with Certificate Options Traceable to ASTM, Including ISO/IEC 17025 Accredited Certification or Traceable Certification to Aid in Meeting SOP and Regulatory Requirements



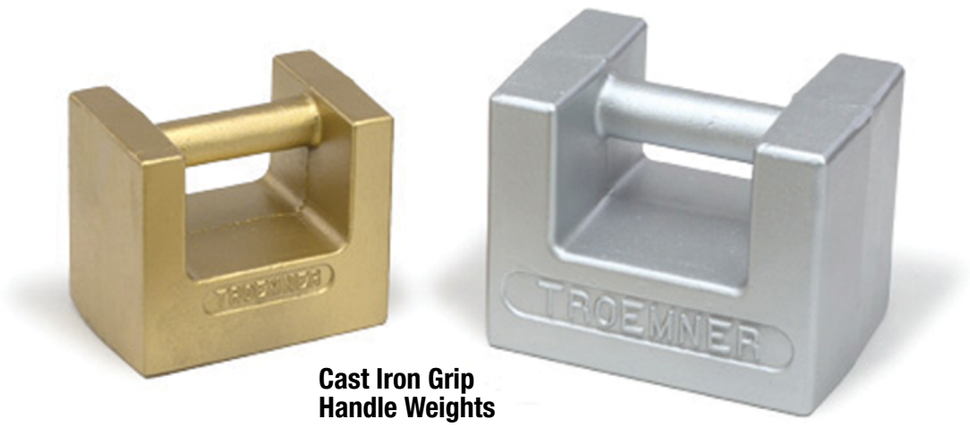
TW-100

Troemner ASTM Scale Test Weight Sets Class 5 and 6 ❯

Tromener ASTM Cast Iron and Stainless Steel Grip Handle and Slotted Scale Weights Class 5 and 6

Troemner ASTM Class 5 and 6 Scale Calibration Weights are available in metric or avoirdupois and range in sizes from 1 g – 1000 kg or 0.001 lb – 5000 lb. Cast iron weights are available in grip handle, slotted, and hanger designs while stainless steel test weights are available in cylindrical, slotted and hooked designs. Troemner scale calibration weights offer lowest uncertainties and meet or exceed ANSI/ASTM E617 tolerance and design restrictions.

- Troemner Cast Iron and Stainless Steel Scale Calibration Weights Offer Uncertainties of Less than 1/4 of the Tolerance and are Available in Grip Handle, Slotted and Hanger Designs in Sizes from 200g–1000kg or ½lb–5000lb
- Troemner Stainless Steel Test Weights Offer Uncertainties as Low as 1/18 of the Tolerance and are Available in Cube, Cylindrical, Flat and Grip Handle Designs in Sizes from 1mg – 30kg or 1lb – 50lb.
- Available with Certificate Options Traceable to ASTM, Including ISO/IEC 17025 Accredited Certification or Traceable Certification to Aid in Meeting SOP and Regulatory Requirements



Cast Iron Grip Handle Weights



Stainless Steel Grip Handle Weights



Cast Iron Slotted Weights

Troemner ASTM Slotted Scale Weights Class 5 and 6 ❯

Troemner ASTM Cast Iron Handle Scale Weights Class 5 and 6 ❯

Troemner ASTM Stainless Steel Handle Scale Weights Class 5 and 6 ❯

Make Sure Your Instrument is CALIBRATED BY TRANSCAT

SECTION J
PIPETTES, LAB EQUIPMENT & SUPPLIES

TRANSCAT® PIPETTES

- Pipettes
- Pipette Tips
- Filter Systems
- Centrifuges
- Rockers
- Vortex Mixers

Visit Transcat.com for a Detailed List

Centrifuges . . . . . J22 - J24

Centrifuge Tubes J29

Diaphragm Pump J27

Filter Systems J30

Fluid Aspiration Systems J28

Microcentrifuges J23

Micropipette J4

Multi-Dispenser Pipettes J14-J15

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Rockers J26

Tissue Culture Flasks J31

Vortex Mixers J25

NATIONWIDE PIPETTE SERVICE OPTIONS



Scheduled Mail-In Service with 5-Day Turnaround

For predictability you can rely on, we offer a nationwide pre-scheduled calibration service. **We commit to a 5-day turnaround time** from the day your units are received to the day we ship them back to your facility, meaning you can count on receiving your equipment back by a specific date.



Traditional Mail-In Service

If an expected return date is not a concern, consider sending in unscheduled pipettes to add them to our service queue. Services are provided on a first-in, first-out basis, with turnaround times ranging from 7-10 days.

On-Site Calibration Service

When your pipettes can't leave your lab, we offer the same in-lab services at your location. Our trained technicians will set up their equipment at a designated space in your lab to perform on-site calibration services and ensure you remain compliant with your policies and procedures.



LOCAL SERVICE OPTIONS AVAILABLE IN SELECT AREAS

White Glove Management Services

To help you stay operational and competitive, we provide our “White Glove Services” to customers, an ideal solution if your internal resources are limited and you require logistic or asset management services.

- On-Site Management Service
- Pipette Logistics and Tracking
- Management Reports
- Audit Assistance

Local Pick-Up and Delivery – 24 Hour Turnaround

If you are within a defined service area, our 24-hour local courier service will provide you with the fastest turnaround time in the industry. Call us today to inquire if this service is available in your area.



Purchase Pipettes with Accredited Calibration

Improve your lab efficiency and avoid costly downtime by purchasing your pipettes pre-calibrated with an ISO:17025 accredited service. Minimize audit anxiety with a calibration service specific to your needs; with a variety of service levels available, Transcat has the calibration your team requires to get your new pipettes ready for immediate use.


ANAB
ANSI National Accreditation Board

CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Pipettes.com, A Transcat Company
113 Cedar Street
Milford, MA 01757

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Aaron Stoller, Vice President
Expiry Date: 07 September 2025
Certificate Number: AC-2499.22

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO/ILAC/IAF Communiqué dated April 2017).

TRANSCAT PIPETTES

Brandtech Transferpette® S

Single 8 & 12 Channel Micropipette, Adjustable, DE-M

The Transferpette® S air displacement pipette allows you to work efficiently and ergonomically with both small and large volumes. Low operating forces and a short stroke ensure relaxed pipetting, even during long pipetting series. Due to its perfect ergonomics, the Transferpette® S provides a comfortable grip in any hand position, whether you are right- or left-handed, or have big or small hands. Changing your grip is not necessary, since the microliter pipette provides true one-hand operation: set the volume, pipette, eject the tip.

- S-12 &S-8 Volume Range: 0.5 - 10 µl, 5 - 50 µl, 10 - 100 µl, 20 - 200 µl, 30 - 300 µl
- Single Channel Volume Range: 0.1 - 1 µl, 0.1 - 2.5 µl, 0.5 - 10 µl, 2 - 20 µl, 5 - 50 µl, 10 - 100 µl, 20 - 200 µl, 100 - 1.000 µl, 500 - 5.000 µl, 1.000 - 10.000 µ



Learn More About the Micropipette Transferpette® S:

- **https://youtu.be/_zSPCyTK6II**



Download the Transferpette Brochure

Shop Single-Channel Transferpette

Eppendorf Reference® 2
Mechanical Pipette

Choose the Eppendorf Reference 2 mechanical pipette with ergonomic single-button operation and benefit from its high precision and accuracy with reduced operating efforts. Its smooth surface and full autoclavability guarantee efficient decontamination - making it the ideal companion when working under sterile conditions. Available as a single-channel pipette in fixed or variable volume, and as 8- and 12-channel pipettes - all with time-saving single-button operation. Once you have experienced this unique operating philosophy you will not want to change back!

- Available as Single-Channel Pipette in Fixed or Variable Volume as Well as 8- and 12-Channel Pipette



Learn More About the Reference® 2:

- **https://youtu.be/o33gB-fhOsU**

Shop Eppendorf Pipettes

Eppendorf Research® plus
Mechanical Pipette

The Eppendorf Research plus is one of the safest and most ergonomic mechanical pipettes available. Meeting the highest needs of precision and accuracy while providing high flexibility via a large number of variants, the Research plus will become an indispensable companion in your lab. This micropipette is remarkably light, both in terms of weight and pipetting forces, which helps you to avoid hand and arm strain. The 16- and 24-channel pipette system combines proven concepts with new innovations and facilitates quick & easy manual pipetting in 384-well plates.

- Available in 1-, 8-, 12-, 16-, 24-Channel and Adjustable Tip Spacing Variant



Learn More About the Research® plus:

- **https://youtu.be/vS-wtdMtCsI**



Download the 384-well pipetting Brochure

Shop Eppendorf Pipettes

TRANSCAT® PIPETTES

Eppendorf Xplorer®/ Eppendorf Xplorer® plus
Electronic Pipette

People who give 100 % every day deserve the best tools and the best laboratory equipment. The Eppendorf Xplorer and Xplorer plus electronic pipettes are single-, 8-, 12-, 16- and 24-channel pipettes designed to aspirate and dispense liquid volumes from 0.5 µL to 10 mL, while eliminating many of the potential error risks associated with manual pipetting. With the Eppendorf Xplorer/ Xplorer plus electronic pipette, your work achieves a new level of simplicity, precision and reproducibility.



Learn More About the Xplorer®:

- **https://youtu.be/GKir4KsJ5TE**

Shop Eppendorf Xplorer®

TRANSCAT PIPETTES

SARTORIUS Proline® Plus
Mechanical Pipette

Proline® Plus mechanical pipettes offer comfort and quality for your everyday manual pipetting. It combines durable construction with ease and lightness of use. Easy volume adjustment with click stop system and big, forward facing, volume display help the user always to choose correct volume.

Single-channel models cover a volume range of 0.1 µL – 10,000 µL, single-channel fixed models are available from 5 µL up to 10,000 µL, and multichannel pipette range is from 0.5 µL to 300 µL.



- The Widest Range of Pipettes for Various Users and Applications
- Ergonomic Design with Light Pipetting Forces, Comfortable Handle and Finger Support for Reduced Risk of Strain Injuries
- Minimized Risk o Contamination with Safe-Cone Filters and Full Autoclavability
- Highly Durable with Strengthened Structure Also for Heavier Use



Download the How to Select a Mechanical Pipette Brochure

Shop SARTORIUS Proline® Plus

SARTORIUS Tacta®
Mechanical Pipettes

Tacta® makes pipetting effortless and safe, while producing accurate and reliable results time after time. It is designed to feel great in your hand, and it is easy and comfortable to use. All materials used for Tacta® have been carefully selected, and each component is designed to meet the highest standards.

Single-channel pipettes cover a volume range of 0.1 µL – 10,000 µL, and multichannel pipettes are available from 0.5 µL up to 300 µL volume.



Download the How to Select a Mechanical Pipette Brochure

Learn More About the Tacta® :

- **https://youtu.be/-kgG_F6mJrA**



Shop SARTORIUS Tacta®

SARTORIUS MLine®
Mechanical Pipettes

Sartorius' most advanced mechanical pipette family - the Mline® - offers excellent ergonomics, performance and safety in manual pipetting. It is particularly designed for repetitive and long-lasting pipetting in order to prevent work related hand, arm and shoulder disorders or Repetitive Strain Injury (RSI). Mline® is recommended by health and safety officers around the globe. It covers the full volume range of 0.1 µl to 10 ml and is available in single- and multichannel models.

- Excellent Ergonomics to Protect From Injuries with the Exceptionally Light Pipetting and Tip Ejection Forces
- High Accuracy and Precision, also in Repetitive, Long-Lasting Pipetting
- Minimized Risk of Contamination With Safe-Cone Filters and Full Autoclavability
- Increased Safety with Volume Lock Preventing Accidental Volume Changes While Pipetting





Shop SARTORIUS Mline®

SARTORIUS Picus® & Picus® NxT
Electronic Pipettes

The Picus® family pipettes, Picus® and Picus® NxT, with Sartorius pipette tips are the new standard for lab professionals. The Picus® family pipettes are kind to your hand with unbeatable ergonomic design that ensures reliable and repeatable experiment results. Picus® is the right tool for everybody from intern to lab expert, being as easy to start with as a mechanical pipette and offering options for even the most advanced user. Picus® saves you time in the lab with pipetting modes and customizable programs for every need. The pipette is easy to get comfortable with and quick to use. Just pick it up, switch it on and pipette!



- Uniquely Lightweight and Compact Design Maximizes User Convenience
- Conveniently Located, One-Touch Operating-Button and Feather-Light Electronic Tip Ejection Help Minimize Muscle Strain
- Electronic Piston Control and Brake Ensure Accurate, User-Independent Pipetting Results
- Unique Plate Tracker Increases Reliability in Microwell Plate Dispensing
- The Comprehensive Selection of Pipetting Modes Lets You Perform a Number of Different Liquid Handling Tasks Quickly and Easily



Download the Picus & Picus NxT Brochure

Shop SARTORIUS Picus®

Brandtech HandyStep® Touch
Repetitive Pipettes, DE-M

Repetitive pipettes are the first choice when it comes to efficient dispensing of long series. Positive displacement pipettes are often the right solution for pipetting viscous media. The new stepper HandyStep® touch from BRAND combines both features.

- HandyStep® - Multi-Dispensing, Auto-Dispensing and Pipetting
- HandyStep® Touch S - Additional Features Sequential Dispensing, Multi-Aspiration and Titration
- Automatic Size Detection of BRAND PD-Tips II
- Compatible with PD-Tips Prior to the PD-Tips II Generation and with Tips from Many Other Manufacturers
- Automatic Tip Ejection
- Variable Volume Adjustment from 1.0 µl to 50 ml
- Inductively Rechargeable

Learn More About the HandyStep®:

- **https://youtu.be/vF3fmh9lCE8**





Download the HandyStep Brochure

Shop HandyStep® Repetitive Pipettes ❯

Brandtech accu-jet® S
Pipette Controllers

The accu-jet® S pipette controller brings versatility and endurance to your team. It makes lab work simple, easy, and efficient, whether you work with cell cultures, in quality control or in a pharma lab.

- For Glass and Plastic Pipettes from 0.1 to 200 ml
- Ergonomic Handgrip and Perfectly Balanced Design
- Fills a 25 ml Pipette at Maximum Motor Speed in only 3 Seconds
- Battery with Intelligent Charging Technology and Two Color Charge Indicator
- Four Attractive Colors



Learn More About the accu-jet® S:

· **https://youtu.be/a5cNxauzzxl**



Download the accu-jet® S Brochure

Shop accu-jet® S Controllers

TRANSCAT® PIPETTES

Eppendorf Repeater® M4
Multi-Dispenser Pipette

Say goodbye to tedious, long serial pipetting tasks! The Repeater M4 from Eppendorf is ideal for repetitive dispensing of volumes in long series without the need for repeated liquid aspiration. In combination with Combitips® advanced dispenser tips, even viscous or volatile liquids that are difficult to pipette are no problem for the Repeater. With hermetically sealed tips, the Repeater/Combitips positive displacement pipetting system also offers a high level of safety for handling of infectious, toxic or radioactive liquids.

- 1-channel
- 1 µL – 10 mL
- Mechanical Positive Displacement Multi-Dispenser: Fill the Tip Once and Dispense Up to 100 Times Without a Refill

Learn More About the Repeater® plus:

- **https://youtu.be/Pjw0CkFrmao**



Shop Eppendorf M4

Eppendorf Repeater® E3/Repeater® E3x
Electronic Multi-Dispenser Pipette

Dispense easily and precisely, regardless of liquid properties with the Repeater® E3/E3x electronic multi-dispenser pipettes. Fill plates or long series of tubes without strain thanks to the light weight and easy operation of this repeater pipette. In combination with Combitips® advanced dispenser tips, it is your perfect partner for all kinds of liquid handling.

- 1-channel
- 1 µL – 50 mL
- Electric Positive Displacement Multi-Dispenser: Fill the Tip Once and Dispense Up to 100 Times Without a Refill
- With Charging Cable and Combitips® Advanced Assortment Pack (1 Combitips® Advanced of Each Size)



Learn More About the E3:

- **https://youtu.be/2EAAYoLr5Jg**

Shop Eppendorf E3

CELLTREAT Serological Pipets

All serological pipets are manufactured to the ASTM Standard Specification for Serological Pipets E-934; Accuracy is ±2%.

CELLTREAT brand Serological Pipets are available in a wide range of sizes from 1-100mL, with a variety of unique packaging options including: individually wrapped paper/plastic, Individually wrapped plastic/plastic, bulk packed, dispenser carton.

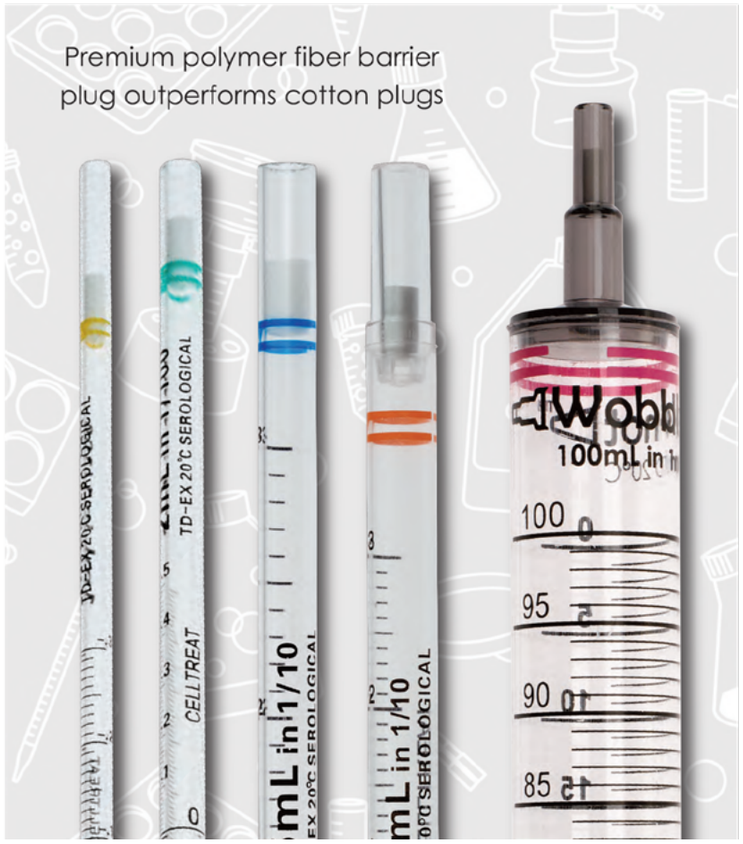
- Bi-Directional (Ascending & Descending) Graduations are Printed In Bold Easy-to-Read Black Ink
- 10 mL Wide Tip Serological Pipet for Viscous Solutions - Wide Tip Opening is 4x Larger than Standard 10 mL Pipet
- 25 & 50 mL Pipets Feature an Anti-Drip Tip for Accurate Delivery
- Premium Polymer Fiber Barrier Plug Outperforms Cotton Plugs
- Color Coded Stripes and Packaging Enable Quick Volume Identification
- Printed Indicator Arrow for Quickly Locating Negative Graduations when Using a Pipet Controller



Download the CELLTREAT Pipet Brochure

Shop CELLTREAT Pipets

WOBBLE-NOT™ SEROLOGICAL PIPETS HAVE A PATENTED, INNOVATIVE 2-TIER STEP DESIGN AT THE PLUG END!

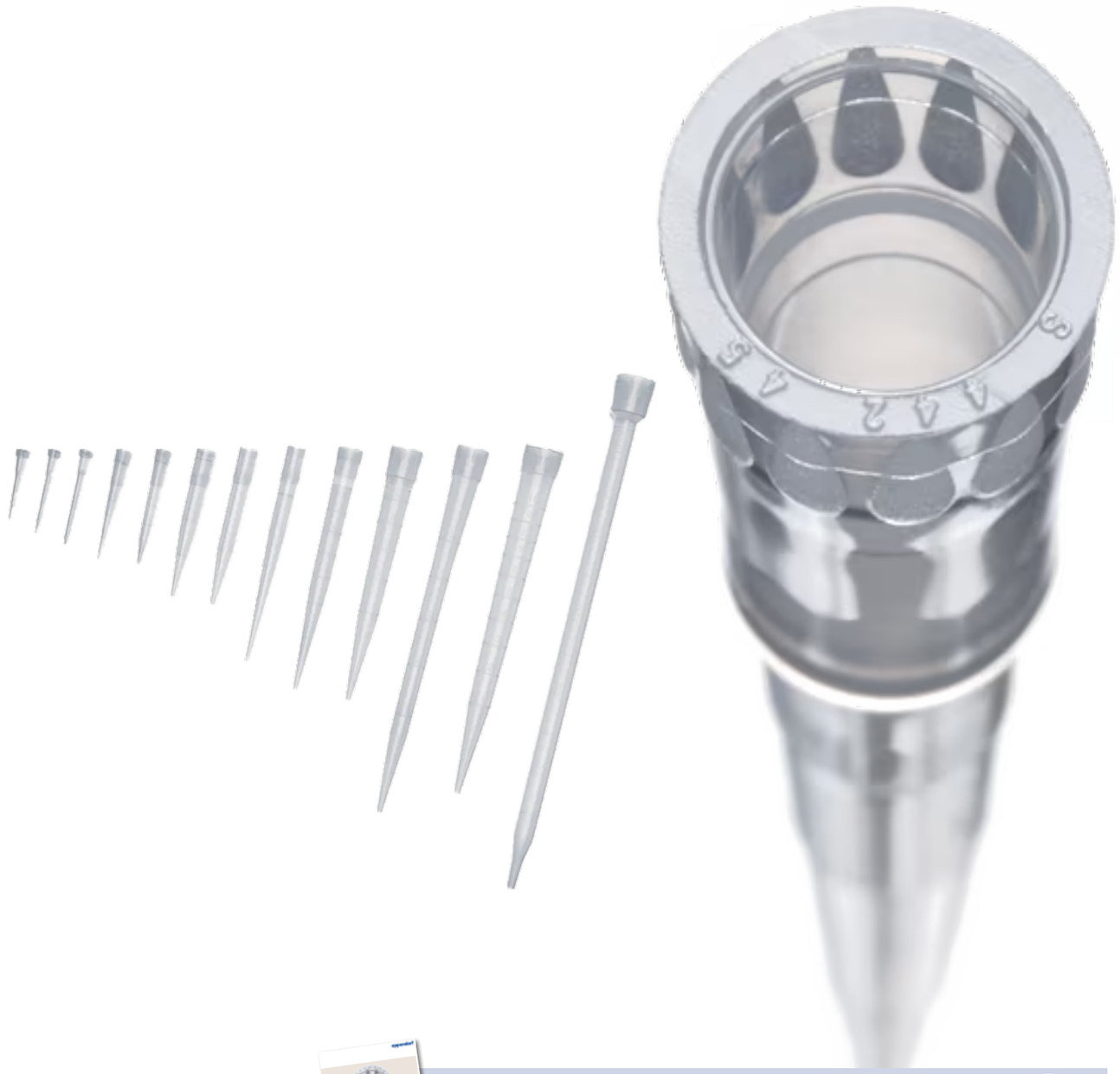




Eppendorf epT.I.P.S.®
Pipette Tips

epT.I.P.S.® pipette tips work in perfect harmony with your Eppendorf pipettes! The ergonomically designed cone geometry allows for complete sealing as well as minimal attachment and ejection forces. These pipette tips meet EN ISO 8655 requirements and can also be used with pipettes from other manufacturers.

- Volumes of: 0.5 – 20 µL, 50 – 1,250 µL, 0.2 – 5 mL and 0.5 – 10 mL.



Learn More About the epT.I.P.S.®:

- **https://youtu.be/pMyxD5DYj5I**



Download the epT.I.P.S.® Compatibility Flyer

Shop Eppendorf epT.I.P.S.

Eppendorf Combitips® Advanced
Positive Displacement Pipette Tips

Optimize your workflows involving plates or large series of other vessels with Combitips® advanced dispenser tips and accurately and precisely pipette both viscous and volatile liquids. These positive displacement pipette tips are your consumable of choice for all Repeater® multi-dispenser pipettes from Eppendorf and offer a variety of advantages in comparison to their predecessor Combitips plus. Available in nine volume sizes (0.1 mL – 50 mL), Combitips® advanced have a maximum range of dispensing volumes with increments as low as 100 nanoliters depending on the Repeater model used.



Learn More About the Combitips®:

- **https://youtu.be/eTGaTf11FqQ**



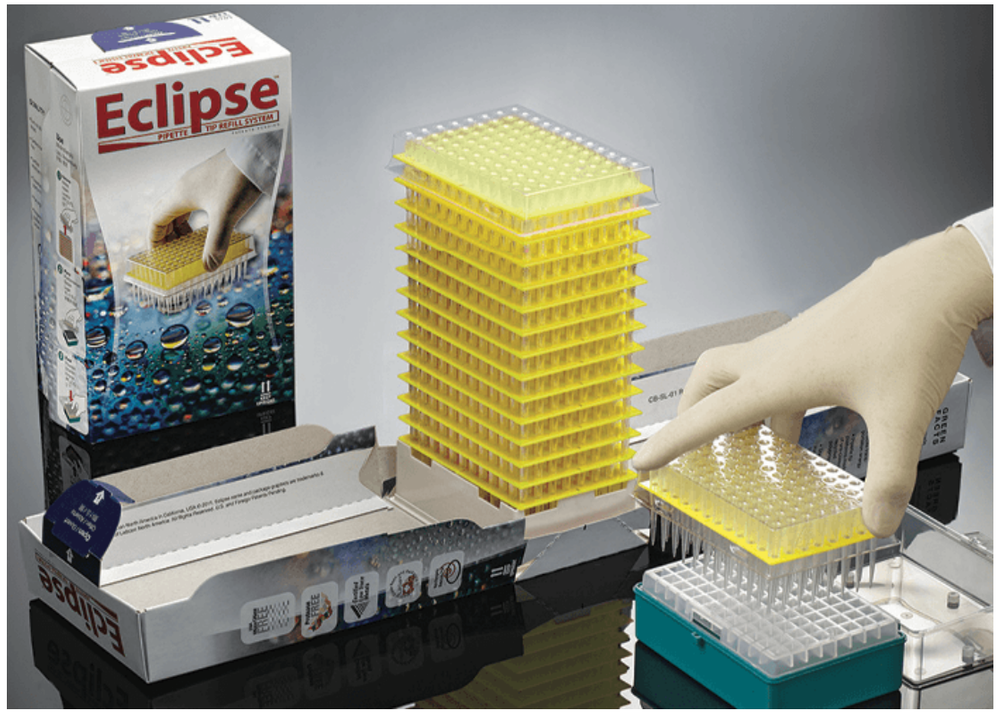
Download the Eppendorf Combitips® Brochure

Shop Eppendorf Combitips®

TRANSCAT® PIPETTES

Labcon Eclipse™ Pipette Tips

Eclipse™ standard surface pipette tips include as standard many features available from other suppliers only as special upgrades. All the Eclipse™ tips are made of high quality 100% pure virgin medical grade polypropylene so you won't find recycled plastics in our tips. Labcon pre-test the resin to ensure no extractables are present. Every lot is lab tested and certified free of detectable Nuclease (Rnase/Dnase), Adenosine Tri-phosphate, and Endotoxin (pyrogen) contamination.



- Eclipse™ Tips Are Developed Using Labcon's Own In-House Laboratory and Tested on Real Pipettors
- Only 100% Medical Grade Virgin Polypropylene Resins are Used In Eclipse™ Tips. No Recycled Plastics or Commodity Grade Resins.
- Eclipse™ Tips Are Designed from the Beginning with Sustainability in Mind. Beyond Simple Recycling to Real Solutions.
- Material: 100% Virgin Polypropylene
- Grade: Medical
- Rating: Usp Class VI
- Colors: Yellow, Blue, Or Natural (Clear)
- Length: Various
- Fits: Most Popular Pipette Brands
- Approved Use: Medical, Research, Industrial, Food & Beverage
- Lot Expiration: 4 Years
- Sterile Expiration: 3 Years





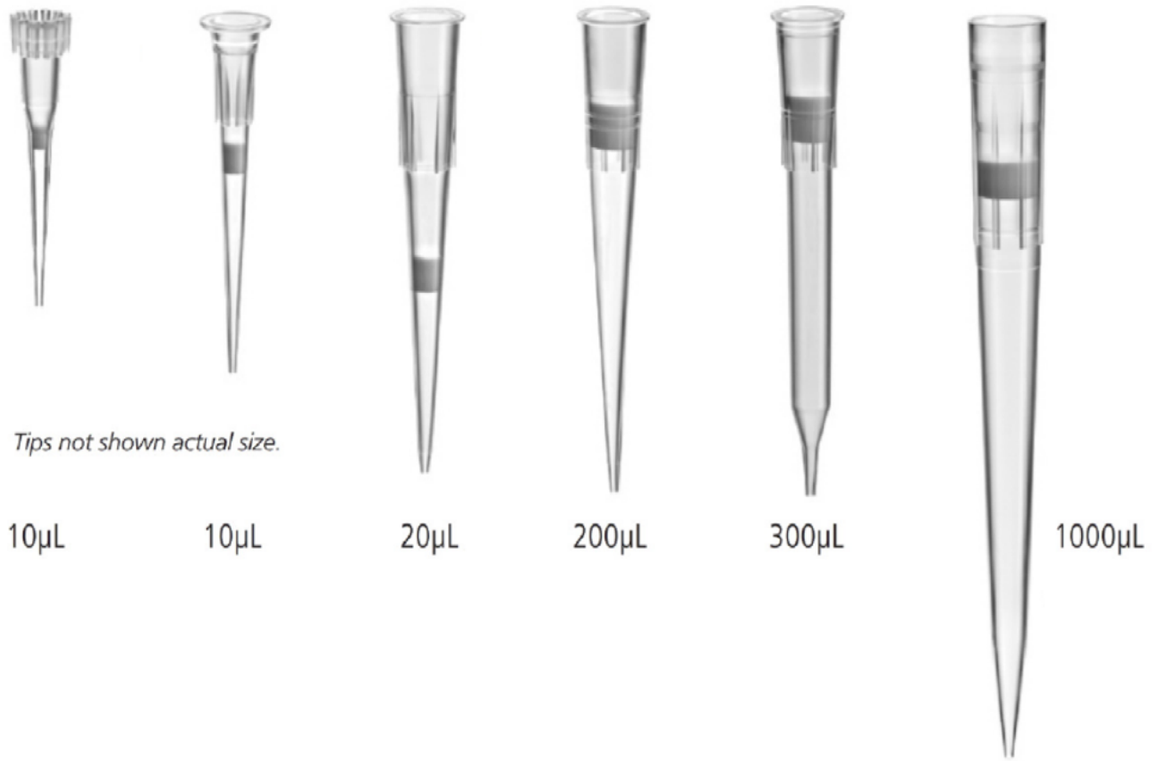
Download the Labcon Eclipse™ Brochure

Shop Eclipse™ Pipette Tips

Labcon SuperSlik® Low RetentionTips

Labcon SuperSlik® Low Retention tips are made from Labcon's own proprietary formula non-wetable polypropylene. This exclusive resin limits the adhesion of cells, rDNA, proteins, and other viscous materials. Their accuracy and precision is up to 10 times better with viscous samples than standard non-wettable polypropylene. SuperSlik® tips have no additives or coatings that can loosen and migrate into your sample. And unlike other low retention tips SuperSlik® tips use no restricted chemicals.

SuperSlik® tips in racks are packed in trademarked Teal or Purple racks. These racks are made of polypropylene and are autoclavable repeatedly. They have sturdy latch hinges that won't come apart like lesser quality tip racks and a special snap lock designed so that it will not catch on your gloves. You can also get SuperSlik® tips in resealable zip style bags, in Eclipse™ refills, and in racks that have been sterilized.





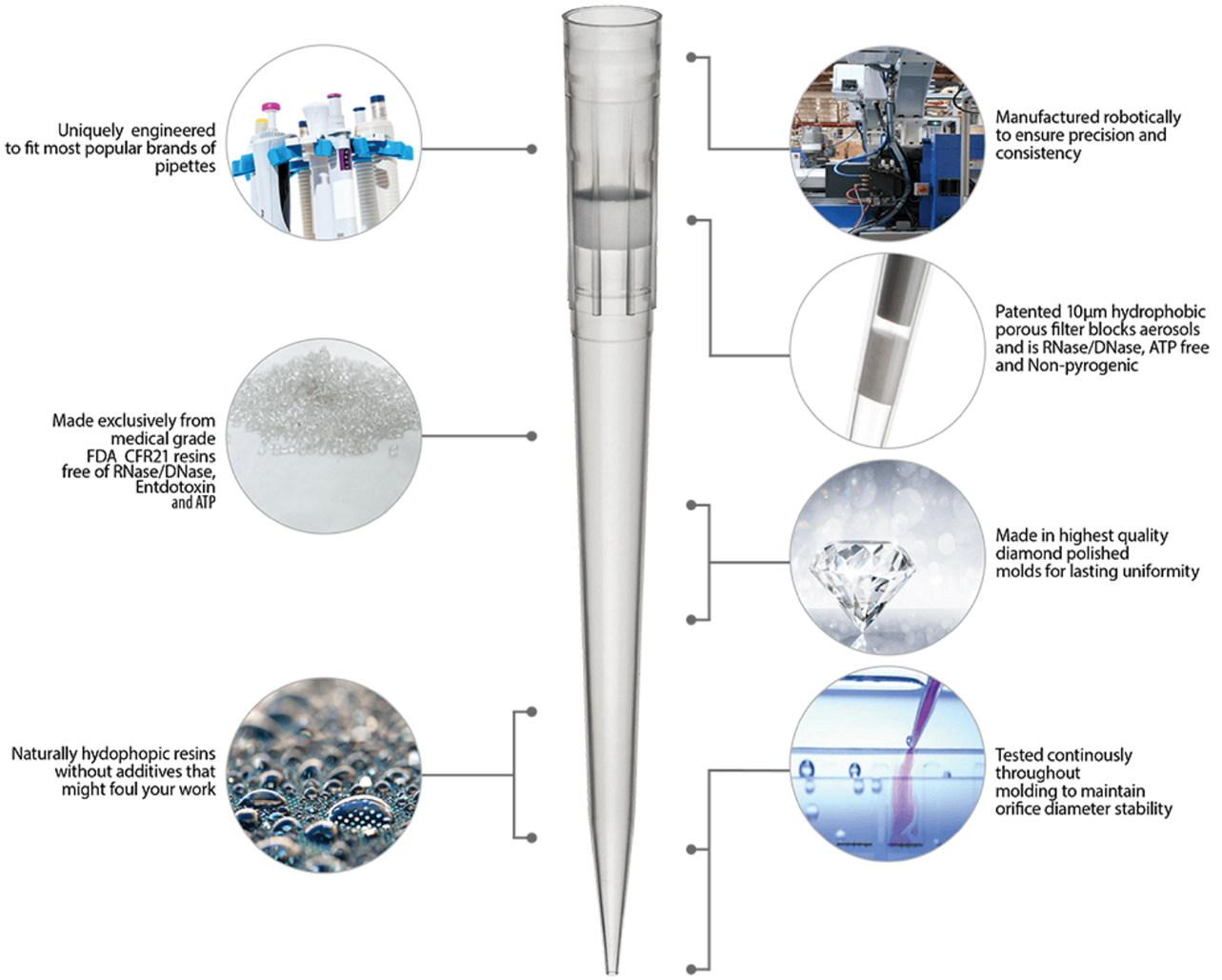
Download the Labcon SuperSlik® Brochure

Shop SuperSlik® Pipette Tips

Labcon ZAP™ Aerosol Pipette Tips

ZAP™ Aerosol Filter Pipette Tips from Labcon set a higher standard for your lab than ordinary filter pipette Tips. Our aerosol Tips provide you with complete protection from sample carry-over, Incorporating a patented filter that is made from high molecular weight polyethylene. The filters allow the pipettor to draw by venting through a tortuous sponge-like pathway. The pores in this pathway have an average size of 10µm, so even radionucleotides are captured before reaching the pipettor barrel.

All ZAP™ Tips in racks are packed in trademarked Teal or Purple racks. These racks are made of polypropylene and are autoclavable repeatedly. They have sturdy latch hinges that won't come apart like lesser quality tip racks and a special snap lock designed so that it will not catch on your gloves. You can also get ZAP™ in Eclipse™ UNO refills.





Download the Labcon ZAP™ Brochure

Shop ZAP™ Pipette Tips

TRANSCAT PIPETTES

Benchmark Centrifuges

Discover the Power of Precision: Our Benchmark Scientific centrifuges are meticulously crafted with the latest technological advancements, ensuring your samples undergo separation with unmatched precision. Each Benchmark Scientific centrifuge is a testament to precision, reliability, and efficiency. Invest in the future of your research with these game-changing models. Elevate your lab's capabilities and achieve breakthrough results today!

- myFuge: Compact Yet Powerful: Ideal for Microcentrifuge Applications, its Compact Design Ensures it Fits Seamlessly into any Lab Space. With High-Speed Capabilities, the MyFuge Guarantees Quick and Efficient Separations.
- StripSpin: Precision in Every Tube: No More Guesswork! The StripSpin Centrifuge is Tailored to Handle PCR Tube Strips, Delivering Precise and Consistent Results Every Time.
- Platefuge: The Plate Champion: Designed for Microplate Processing, the Platefuge Offers High G-Force and Uniform Heating.
- MC-12 & MC-24: Scalability Meets Performance: Whether You Need a Smaller Batch or High-Volume Processing, they Accommodate a Broad Range of Tube Sizes and Volumes.
- LC-8: Versatility Redefined: With Its Innovative Rotor Options, The LC-8 Centrifuge Adapts to Various Applications, Making it the go-to Choice for Labs with Diverse Research Needs. Flexibility and Performance at Their Finest!
- Hermle™ Z216-M: Exceptional Precision: Engineered By Hermle™, the Z216-M Centrifuge Delivers Precise Results While Prioritizing User Comfort. Its Quiet Operation and Advanced Features Make it an Indispensable Asset in Any Lab.
- Hermle™ Z446: The Powerhouse: Unleash the Full Potential of Your Lab with the Hermle™ Z446 Centrifuge. Designed For High-Throughput Processing, It Combines Raw Power With Intelligent Controls for Unparalleled Productivity.
- Sprint™ 6h & Sprint™ 8: Sprint to Success: These High-Speed Performers Accelerate Separations, Enabling You to Accomplish More in Less Time.

myFuge

PlateFuge



MC-12

Sprint 8



Download the Centrifuge Brochure

Shop Benchmark Centrifuges

Eppendorf Microcentrifuges

Eppendorf offers a comprehensive line of microcentrifuges that serve the multiple applications you encounter in your lab – whether you just spin a few tubes at a time or need the extra versatility for handling plates and larger volume tubes directly on your lab bench. Eppendorf microcentrifuges are designed to go beyond speed and capacity to offer you unparalleled ergonomic operation and superior temperature management. You will not only experience enhanced performance, but also comfort and ease in their use.



MiniSpin®

5425

5420

5418 R





Download the Microcentrifuge Brochure

Shop Eppendorf Microcentrifuges

Eppendorf Multipurpose Centrifuges

Looking for a centrifuge that stands out from the crowd? Look no further! Eppendorf's Multipurpose Centrifuges are the epitome of cutting-edge technology, designed to revolutionize your laboratory experience.

Unparalleled Versatility: Eppendorf's multipurpose centrifuges are engineered to handle a wide range of applications, from cell culture and PCR preparation to DNA extraction and protein purification. Experience the ease of switching between rotors and buckets for ultimate flexibility in your experiments.



5920-R



5910-Ri



5702



5804



5804-R



5810



5810-R

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Benchmark Vortex Mixers

Are you tired of tedious and inconsistent mixing in your laboratory? Say hello to a new era of efficient and reliable mixing with Benchmark Scientific's cutting-edge vortex mixers. Our lineup of Vornado, BenchMixer V2, Mortexer, and BenchMixer XL is designed to meet the diverse needs of your lab while delivering outstanding performance.

- Vornado: The Vornado Vortex Mixer May be Compact, But it Packs a Punch! Its Powerful Motor and Variable Speed Settings Ensure Thorough Mixing of Even the Most Challenging Samples. Say Goodbye to Uneven Suspensions and Embrace Homogeneity in Your Experiments.
- Benchmixer V2: Versatility at its Finest, the Benchmixer V2 is a go-to Solution for a Wide Range of Mixing Applications. With Multiple Attachments Available, Including Tubes, Plates, and Flasks, this Mixer Adapts Effortlessly to Your Specific Needs.
- Mortexer: Need Simultaneous Vortexing and Rocking Action? The Mortexer Does it All! This Dual-Action Vortex Mixer Allows You to Achieve Both Tasks in One Efficient Unit, Saving You Time and Valuable Lab Space.
- Benchmixer XL: When You Have Large Batches to Process, Turn to the Benchmixer XL. Its Robust Construction and Increased Capacity Make it the Perfect Choice for High-Throughput Labs, Ensuring Consistent Results with Every Batch.





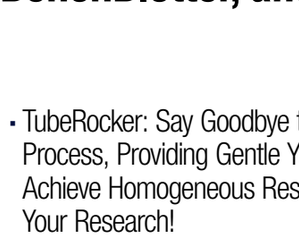
Download the Vortex Mixer Brochure

Shop Benchmark Mixers

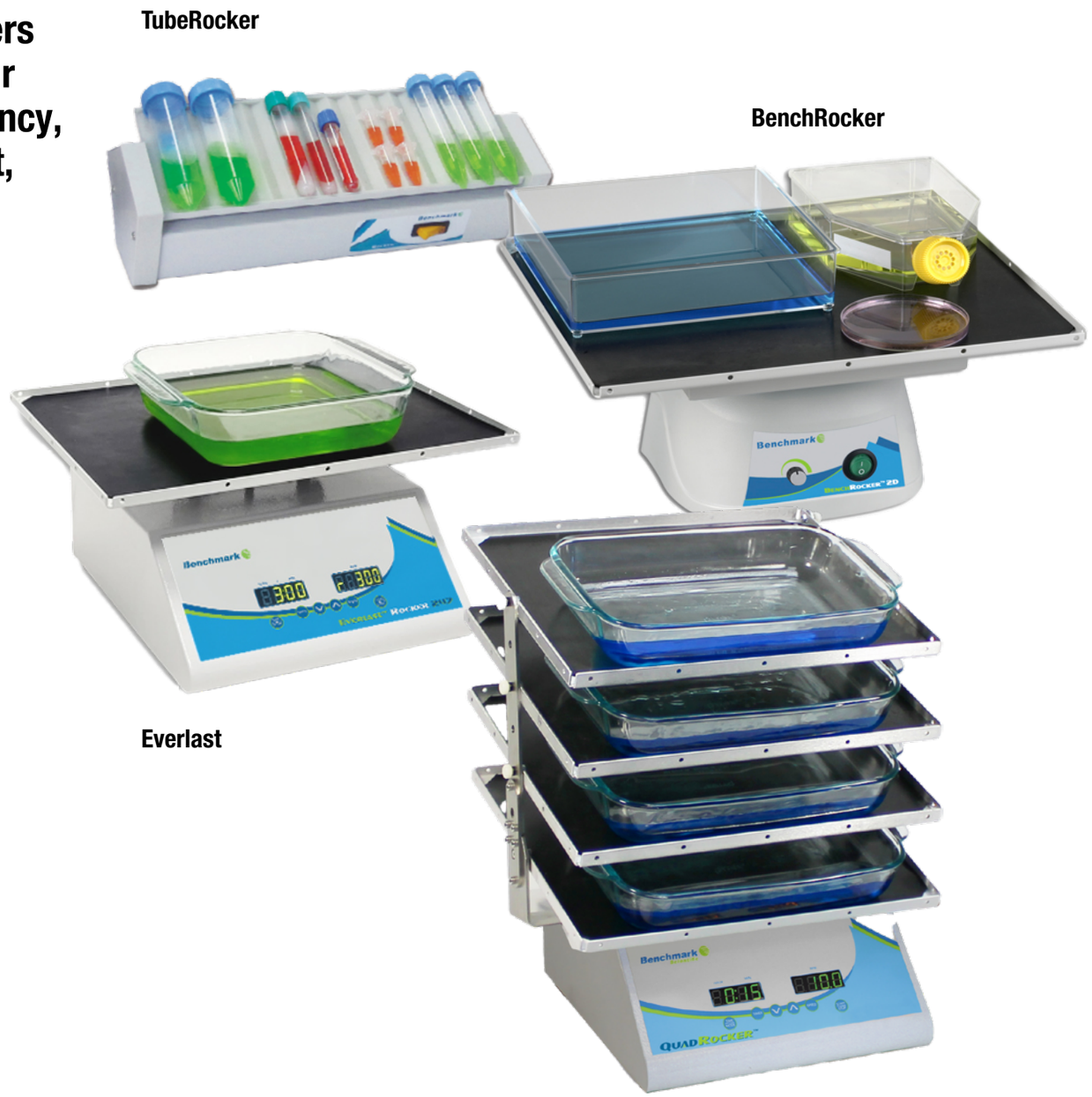
Benchmark Rockers

Are you tired of compromising on the quality of your laboratory mixing and blotting? Benchmark Scientific offers an exceptional range of rockers engineered to elevate your experiments to new heights. Say hello to precision, efficiency, and reliability with our TubeRocker, BenchRocker, Everlast, BenchBlotter, and BenchRocker models.

- TubeRocker: Say Goodbye to Manual Tube Mixing! The TubeRocker Automates The Process, Providing Gentle Yet Effective Agitation for a Wide Range of Sample Tubes. Achieve Homogeneous Results with Ease and Focus on What Matters Most - Your Research!
- BenchRocker: With Adaptable Tilt Angles and Variable Speed Settings, the BenchRocker is Your go-to Solution for a Diverse Array of Applications. From Tubes to Microplates, this Versatile Rocker Delivers Uniform Mixing, Providing Consistent Results Across all Samples.
- Everlast: Built for Longevity and Rugged Performance, Everlast Lives Up to its Name. This Robust Rocker Boasts Enduring Construction and Delivers Reliable Operation, Ensuring Your Experiments Run Smoothly Time and Time Again.
- BenchBlotter: Experience Unparalleled Efficiency in Blotting Applications with the BenchBlotter. This Specialized Rocker Accommodates Blotting Paper and Platforms, Providing Uniform Agitation to Enhance Your Blotting Results.
- BenchRocker: When High Capacity is Essential, the BenchRocker Rises to the Challenge. Designed to Handle Multiple Samples Simultaneously, this High-Throughput Rocker Maximizes Your Productivity Without Compromising on Precision.



Download the Rockers Brochure

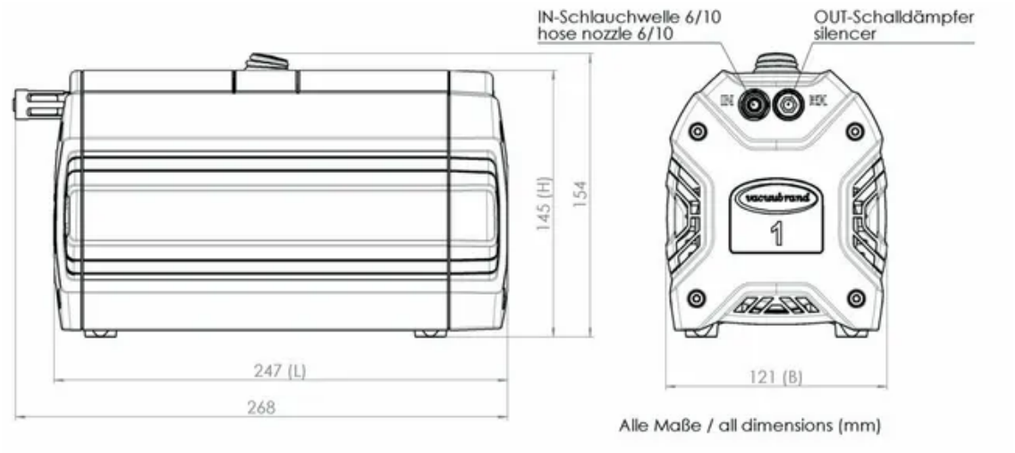


Shop Benchmark Rockers

Brandtech ME 1
Diaphragm Pump

Vacuum filtration is one of the most common applications used for sample preparation in chemistry, microbiology, waste water control and other analytical processes. The ME 1 diaphragm pump offers a compact, high performance and easy-to-use solution which is perfect for single port filtrations. These oil-free diaphragm pumps provide a well-proven and extraordinarily long diaphragm life time with typically 15,000 operating hours. The functional, space saving and innovative design with visible top mounted power switch ensures convenient and quick operation for day to day lab work.

- Convenient, Quick and Simple to Use Due to the New Top Mounted Power Switch
- Whisper Quiet and Very Low Vibration
- Requires Minimal Benchtop Space
- Maintenance-Free Drive System and Proven Long Diaphragm Life
- Wetted Materials: PTFE, Aluminum
- Ultimate Vacuum: 100 mbar
- Max. Pumping speed 50 Hz: 0.7 m3/h

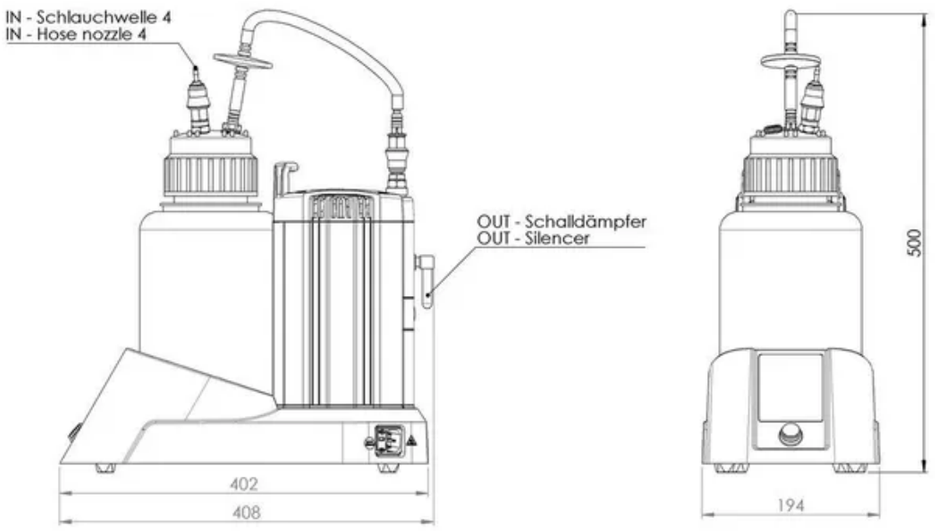




Shop ME 1 Diaphragm pump

Brandtech BVC
Fluid Aspiration Systems

BVC - the compact BioChem-VacuuCenter offers the perfect solution for safe, sensitive and efficient aspiration of supernatants or filtration in all application areas. The BVC basic is intended for connection to an external vacuum source. The BVC control and the BVC professional are equipped with a high performance, chemically resistant diaphragm pump. The vacuum level and thus the suction force at the hand control can be sensitively adjusted via a touch panel. In addition, the BVC professional features are a non-contact liquid level sensor and self-closing quick couplings (4l PP bottle version). All systems are available either with a vacuum-resistant, autoclavable 4l PP bottle or with a 2l borosilicate glass bottle, e.g. for working with aggressive disinfectants such as chlorine bleach. All versions are ready for connection of a second hand control.





Shop BVC Fluid Aspiration Systems

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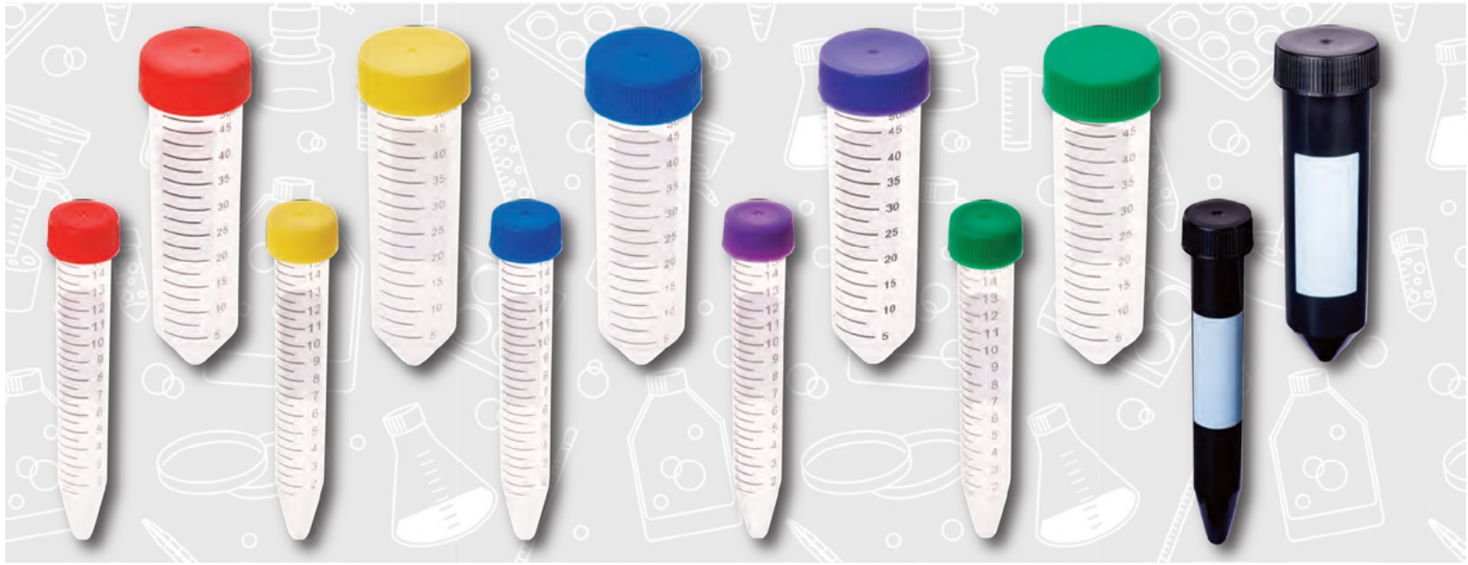
SCIENTIFIC PRODUCTS

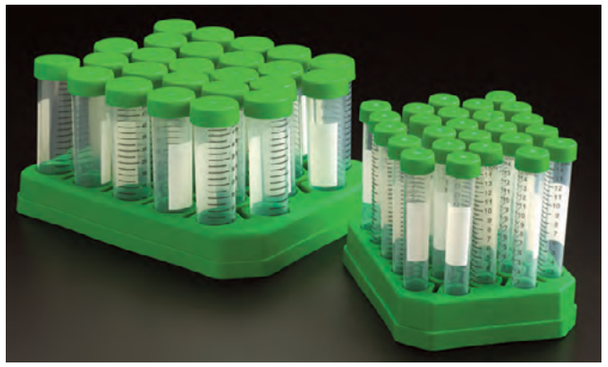
CELLTREAT Centrifuge Tubes

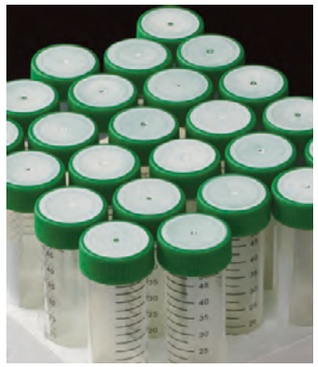
When it comes to high-quality centrifuge tubes, CELLTREAT leads the way with cutting-edge technology and unrivaled performance. Elevate your lab experiments to new heights with our top-of-the-line centrifuge tubes!

- Crafted From Premium Polypropylene, CELLTREAT Centrifuge Tubes Offer Exceptional Strength and Durability, Ensuring Your Precious Samples Remain Safe During Centrifugation
- Engineered With Precision, CELLTREAT Centrifuge Tubes Guarantee a Snug Fit, Preventing Leaks and Maintaining Sample Integrity Throughout the Centrifugation Process
- Accurate Measurements are Crucial in the Lab. CELLTREAT Centrifuge Tubes Come with Easy-to-Read Graduations, Allowing You to Precisely Measure and Aliquot Your Samples with Confidence
- CELLTREAT Centrifuge Tubes are Compatible with a Wide Range of Centrifuges, Making Them the Perfect Addition to any Laboratory Setting
- Easy Sample Retrieval: Designed with a Convenient Flat-Top Cap, Our Centrifuge Tubes Allow for Easy, One-Handed Sample Retrieval, Saving You Time and Effort During Your Busy Lab Routine











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TRANSCAT® PIPETTES

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When it comes to top-of-the-line filter systems, Celltreat is the name you can trust. Revolutionize your laboratory workflow with our cutting-edge filter systems, designed to deliver precise results and uncompromising performance.

- CELLTREAT Filter Systems Boast Superior Filtration Technology, Ensuring the Removal of Particles, Debris, and Impurities, Providing You with Ultra-Pure Solutions for Your Critical Experiments.
- Each System is Engineered for Consistent and Reproducible Performance, Empowering You to Achieve Dependable Results with Every Use.
- CELLTREAT User-Friendly Filter Systems Come with Easy Handling and Setup.
- Multiple Pore Sizes: Tailor Your Filtration to Perfection. CELLTREAT Offers Filter Systems with Multiple Pore Sizes, Giving You the Flexibility to Choose the Ideal Fit for Your Specific Research Needs.
- At CELLTREAT, Quality is at the Core of Everything We Do. CELLTREAT Filter Systems Undergo Rigorous Testing, Meeting the Highest Industry Standards, to Ensure the Utmost Reliability and Performance.



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- **https://youtu.be/k3Hn0CvvFF0**



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CELLTREAT Tissue Culture Flasks

Transform your cell culture experience with Celltreat Flasks - the ultimate choice for researchers seeking superior quality and exceptional performance. Elevate your experiments to new heights and achieve remarkable results with our cutting-edge flask solutions.

- Crafted from Premium Polystyrene, CELLTREAT Flasks Ensure Optimal Cell Adhesion and Growth, Providing a Nurturing Environment for Your Valuable Cells.
- Each CELLTREAT Flask is Designed with Meticulous Attention to Detail, Featuring Ergonomic Caps and Easy-Grip Sides for Convenient Handling and Manipulation.
- Whether You Require Vented, Non-Vented, Angled, or Filter Cap Flasks, CELLTREAT Has a Comprehensive Range to Cater to All Your Cell Culture Needs.
- Experience Leak-Free Cultures with CELLTREAT's Secure Sealing Technology, Preventing Spills and Maintaining a Controlled Atmosphere for Your Cells.
- Trust in the Consistent Performance of CELLTREAT Flasks. Each Batch Undergoes Rigorous Quality Control, Delivering Reliable Results Time and Time Again.



Download the CELLTREAT Flask Brochure

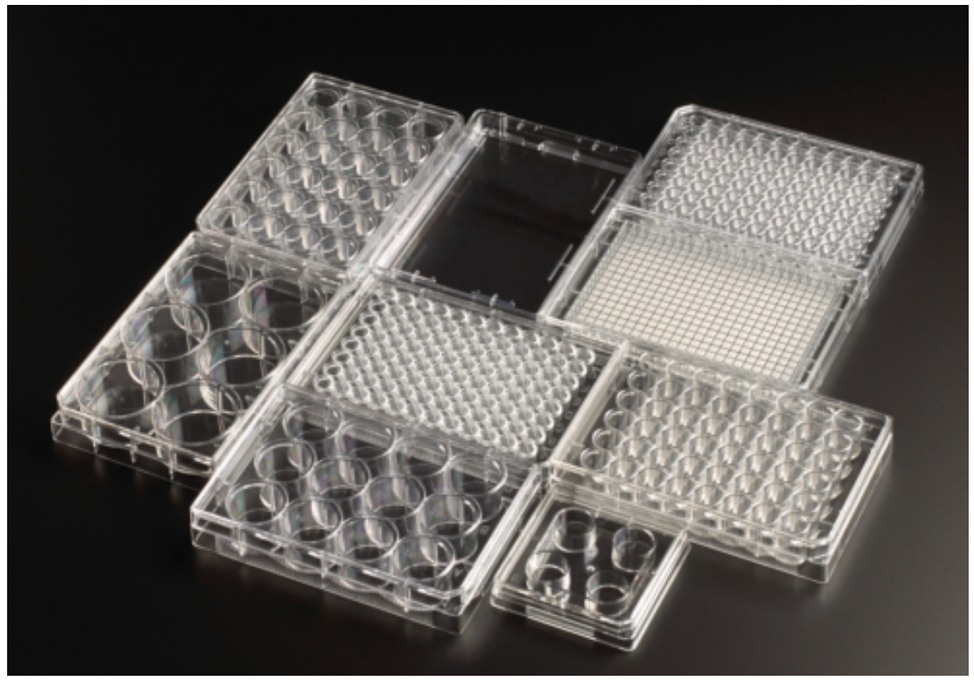


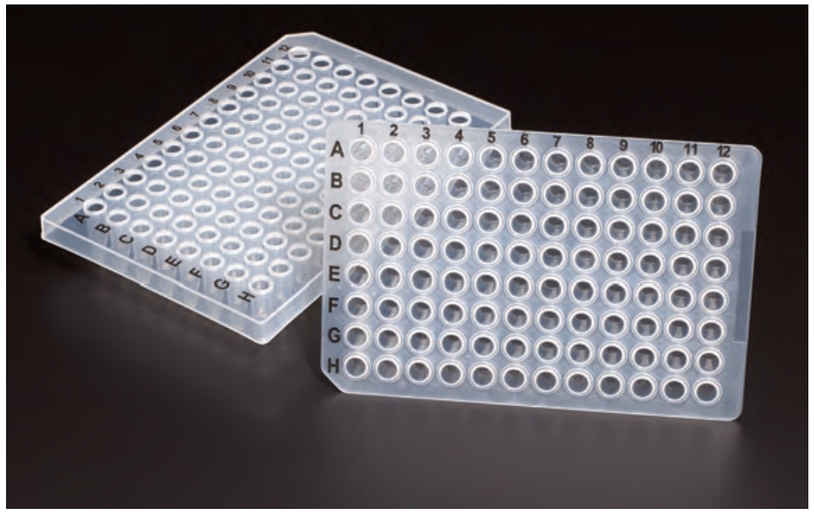
Shop CELLTREAT Flasks

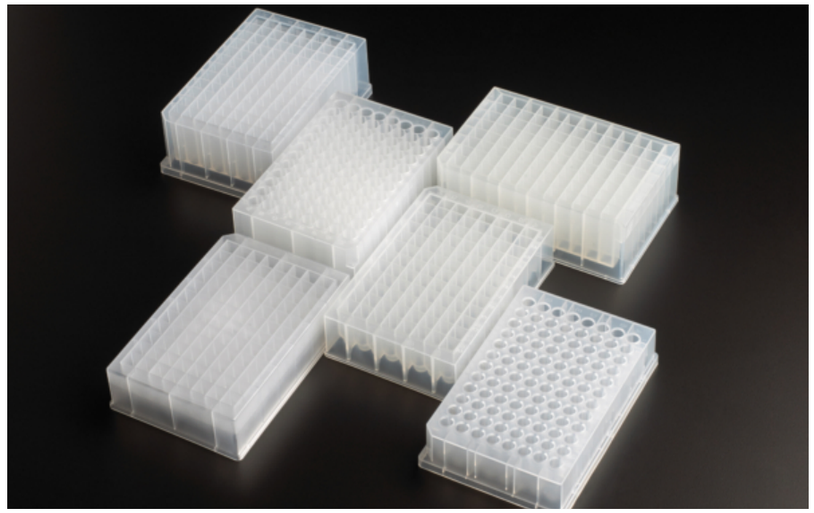
CELLTREAT PCR Plates

Experience the next level of PCR performance with Celltreat PCR Plates - your go-to solution for reliable and reproducible results. From setup to analysis, our cutting-edge PCR plates are engineered to optimize your research and simplify your laboratory workflow.

- Boldly Printed, Alphanumeric Markings for Easy Identification of Individual Wells
- Universal Design Is Compatible With The Major Brands Of Thermal Cyclers
- Ultra-Thin Wells Provide Uniform and Efficient Heat Transfer
- Certified Rnase/Dnase/Dna-Free and Non-Pyrogenic to Ensure Reliable Experimental Results
- Available in Skirted and Non-Skirted Options
- Raised Rim on 229516 Reduces Sample Evaporation when Sealed with Film or Foil







Shop CELLTREAT PCR Plates

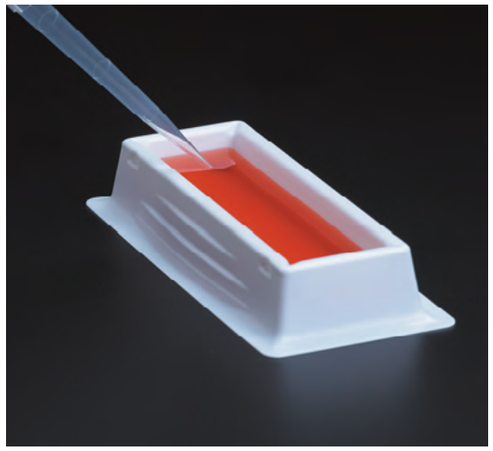
CELLTREAT Reagent Reservoirs

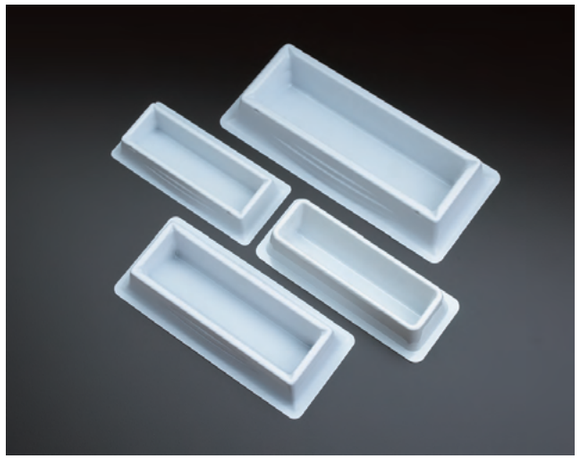
12 channel reagent reservoir facilitates manual multichannel pipetting. This reservoir offers the ability to either save time by pipetting different reagents simultaneously, or conserve precious reagents by using only the number of channels needed.

- Reservoirs are Designed to Assist in Repetitive or Robotic Liquid Transfer
- Pyramid and Trough Bottom Designs Promote Funneling of Liquid to Maximize Reagent Recovery by Pipette Tips
- 8 & 12 Well Reservoirs Work Well with Multiple-Channel Pipettes and are Available Sterile or Non-Sterile
- Low Profile is Ideal for Small Volume Robotic Tips
- Can be Stored at Temperatures as Low as -80°C
- Polypropylene Offers a Low Binding Surface to Prevent Samples from Sticking to the Side Walls During Elution, and is Chemically Inert for Combinatorial Chemistry Applications









Shop Reagent Reservoirs