Techni-Tool 2020

A TestEquity Company

Your Single-Source Provider for Test Equipment, Electronic Production Supplies, Environmental Chambers and Tool Kits.



Weller®

WXR3 Series Multi-Channel Rework Stations Page 4



Techni-Tool

Heavy-Duty Workbenches
Page 80-81



GREEN LITE
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Green-Lite® LED Magnifiers, ESD-Safe
Page 70



LINDSTROM®

80-Series Cutters, ESD-Safe
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Lead-Free Solder Wire & Paste
Pages 24-25

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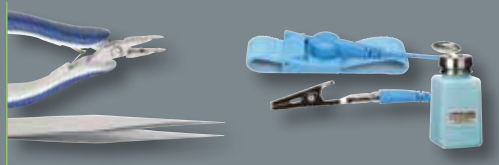
Gripstrong® Nitrile Gloves Page 18



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VALUE SPEED INNOVATION



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Techni-Tool provides smart, flexible electronic production supplies, tool kits and test solutions. Companies across the aerospace, defense, automotive, electronics, education, and medical industries trust us to help meet technical and financial challenges, speed product time to market and optimize investments.

The combination of Techni-Tool with TestEquity and Jensen have made us even stronger. We're now one unified provider to more than 200,000 customers and the nation's largest stocking distributor of electronic production supply products.

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Table of Contents

4-17 Soldering & Desoldering Equipment
Weller, 4-5, 14-15
Hakko, 6-7, 17
PACE, 8-9, 16
JBC, 10-11
Metcal, 12-13, 17

18-23 Production Supplies
Gloves & Brushes, 18-19
Bottles, Wipes & Swabs, 20-21
Tape & Label Printers, 22-23

24-37 Solder, Chemicals & Adhesives
Kester, 24-25
Indium, 26-27
Loctite Solder & Adhesives, 28-32
Epoxy, 33
Silicones, 34-35
IPA, Dusters, Freezers & Flux Removers, 36-37

38-47 Static Control Solutions
Mats, Grounding Cords & Monitors, 38-43
Wrist Straps & Heel Grounders, 44-56
Ionizers, 46-47

48-62 Hand & Power Tools
Cutters & Pliers, 48-55
Tweezers, 56-59
Screwdrivers, 60-61
Torque Drivers, 62

63 Jensen Tool Kits

64-67 Test & Measurement Equipment
Tektronix, 64
Keysight, 65
Fluke, 66-67

68-71 Microscopes, Magnifiers & Lighting
Microscopes, 68-69
Magnifiers, 70-71

72-75 Material Handling
Tote Boxes, 72-73
Wire Shelving, 73-75

76-81 Benches, Chairs & Workstations
Chairs, 76-77
Benches & Workstations, 78-81



Trusted Advisors to Government Partners

Techni-Tool, a TestEquity company, has been a trusted partner to U.S. government customers and prime contractors for over 50 years. We guarantee access to the solutions you need, when you need them through an extensive in-stock inventory — all backed by the longest warranty in the industry and expert service.

We are approved by the General Services Administration to provide scientific equipment and services under GSA Schedule GS-07F-284BA.

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Our government experts are ready to source the right products and services and lower the total cost of ownership.

Weller® WXR3 Series Multi-Channel Rework Stations



The WXR3 Rework Station is the perfect solution for all soldering, desoldering and hot air jobs, handling the most demanding tasks and standard jobs with ease. Ideal for soldering and desoldering of both large and small SMT components, the station can also be integrated into a traceability process. The WXR3 is a state-of-the-art three-channel rework system with 600W of total power. It can be used for all applications using the compliment of WX Series soldering irons, desoldering irons and hot air pencil. Two internal pumps provide the sources for hot air, desoldering vacuum and a vacuum pick-up tool for a completely self-contained rework system.

BEST SELLER

Specifications:
- Wattage (depends on tools): 600W
- Channels: 3
- Power Supply: 120V, 60Hz
- Temperature Control (depends on tools): 200°F to 999°F
- Self-contained

Features:
- Two integrated pumps make the system independent of a separate compressed air supply.
- The LCD display shows all connected tools. Special functions can be set up easily at the press of a button.
- WVP vacuum pick-up moves components simply and safely.

>>> FIND MORE ONLINE
Additional tips and accessories can be found at www.Techni-Tool.com

WXR3 Stations

Description	*Part No.*	*Price*
WXR3 Power Supply, 1 WXP65 Soldering Iron & Stand, 1 XNTA Tip, 1 WXDP120 Desoldering Iron & Stand, XDS3 & XDS5 Nozzles, 1 WXHAP200 Hot Air Pencil & R04 & R06 Nozzles	**WXR3001N**	**$2,610.00**
WXR3 Power Supply with Tips, 1 WXP120 Soldering Iron & Stand, 1 XTB Tip, 1 WXDP120 Desoldering Iron & Stand, XDS3 & XDS5 Nozzles, 1 WXHAP200 Hot Air Pencil & R04 & R06 Nozzles	**WXR3002N**	**$2,660.00**
WXR3 Power Supply with Tips, 1 WXP65 Soldering Iron & Stand, 1 XNTA Tip, 1 WXDV120 Desoldering Iron & Stand, XDS3 & XDS5 Nozzles, 1 WXHAP200 Hot Air Pencil & R04 & R06 Nozzles	**WXR3003N**	**$2,610.00**

ALL STATIONS ALSO INCLUDE: WVP Vacuum Pick-Up and PDN Pliers

WX Series Digital Soldering & Rework Stations

The WX Series is designed for ease of use, from its uniquely responsive touchscreen to its exceptionally intuitive user interface. Available in a single-port station (WX1) and a dual-port simultaneous station (WX2). Both models feature a variety of connectivity options, intelligent soldering tools and a number of brand new features, all of which make the WX Series the ideal tool for today's requirements when it comes to soldering work on LED backplanes, solar applications and micro soldering joints.

Specifications:
- Temperature range: 200°F - 850°F (varies among tools)
- Voltage: 120V
- Power consumption: WX1 200W; WK2 240W

BEST SELLER



WX2021N

Features:
- Capacitive glass touch features an anti-static, chemical and temperature resistant coating
- Versatile connectivity options: standard digital connection, decoupled robot connection and managed fume extraction units, heating plates and programmable logic controller (PLC)

WX2 Multi-Channel Stations

Description	*Part No.*	*Price*
WX2 Power Supply w/2 WXP120 Soldering Iron, 2 WDH10 Stands & 2 XTB Tips	**WX2020N**	**$955.00**
WX2 Power Supply w/1 WXMP-MS Soldering Iron & WDH51Stand, 1 WXMT-MS De-soldering Tweezer Handpiece & WDH60 Stand, RT3 Tip & Set of RTW2 Tweezer Tips	**WX2021N**	**$1,090.00**

WX1 Single-Channel Series

WX1 Power Supply w/1 WXP120 Soldering Iron, WDH10 Stand & XTB Tip	**WX1010N**	**$700.00**
WX1 Power Supply w/1 WXMP-MS Soldering Iron, WDH51 Stand & RT3 Tip	**WX1011N**	**$640.00**
WX1 Power Supply w/1 WXP65 Soldering Iron, WDH10 Stand & XNT1 Tip	**WX1012N**	**$605.00**

Weller® WT1 & WT1H Solder Stations

These next-generation, one-channel soldering stations aim to please. They are compact enough to fit in your hand and stack on top of each other, but versatile and powerful enough to tackle kinds of soldering jobs. The detailed LC display enables an unprecedented overview of all functions and is quick and easy to reach via the new user-friendly menu button.
The lightning-quick change process of the heating element during operation allows efficient operation with several different tip types in quick succession.



WT1010N

FIND MORE ONLINE
Additional tips and accessories can be found at www.Techni-Tool.com

Features:
- Front panel power switch
- New menu button operates multi-functional LCD screen
- New, high-performance WTP90 soldering pencil
- 2-in-1 WSR safety rest
- Stackable units
- The unique, reversible WSR safety rest flips between sponge and brass wool

Specifications For Both Models:
- Power supply: 120V/60 Hz
- Power consumption:
  - WT1: 90W
  - WT1H: 150W
- Temperature range: 150 - 850°F

WT1 Stations - 90 W

Description	*Part No.*	*Price*
WT1 Station, WTP90 Pencil, XNT Soldering Tip & WSR200 Stand	**WT1010N**	**$423.00**
WT1 Station, WP65 Soldering Iron, XNTA Soldering Tip & WSR201 Stand	**WT1011N**	**$382.00**
WT1 Station, WSP80 Pencil, LTB Soldering Tip & WSR201 Stand	**WT1012N**	**$365.00**
WT1 Station, WP80 Pencil, LTB Soldering Tip & WSR201 Stand	**WT1013N**	**$376.00**
WT1H Stations - 150 W		
WT1H Station, WP120 Iron, XTB Soldering Tip & WSR201 Stand	**WT1010HN**	**$535.00**
WT1H Station, WP 200 Iron, XHTD Soldering Tip & WSR202 Stand	**WT1011HN**	**$590.00**

WE Series Solder Station

The WE station is ready when you are – just switch it on and start soldering.

Specifications:
- Power supply: 120V/60 Hz
- Power consumption: 50 W
- Temperature range: 200°F to 850°F
- Temperature stability: ± 4°F

Includes:
- WE1 station
- WEP70 soldering iron
- PH70 safety rest w/sponge
- ETA Tip, 0.062" screwdriver



Description	*Part No.*	*Price*
WE1 Soldering Station, 120V	**WE1010NA**	**$142.00**
Replacement WEP70 Soldering Iron w/ETA Tip	**T0058770715**	**$58.00**

WTHA1 Hot Air Station

900 W power, compact, easy-operating station with a smart temperature profile mode adjustable for diverse rework applications, assuring fast, safe performance. Up to 100 l / min expanded hot air.

Specifications:
- Power supply: 120V, 60 Hz
- Power consumption: 900 W
- Temperature range: 120 - 1100°F

WTHA1 Station

Description	*Part No.*	*Price*
WTHA1 Hot Air Station, 900W	**WTHA1N**	**$700.00**
TN Nozzles		
TNR 25, Round, 2.5mm	**T0058768742N**	**$54.00**
TNR 40, Round, 4mm	**T0058768743N**	**$14.60**
TNR 70, Round, 7mm	**T0058768744N**	**$25.90**
TNRB 17, Round, 1.7mm x 45°	**T0058768745N**	**$56.00**
TNRB 60, Round, 6mm x 45°	**T0058768746N**	**$44.10**
TNA Nozzle Adapter	**T0058768747N**	**$33.40**



HAKKO FM-206 3-Port Rework Station

The FM206 Rework Station is the most versatile and compact system for your soldering, desoldering and hot air rework needs! The station can power any Hakko FM Series handpiece, offering the ability to tailor the station to fit your specific rework needs. The station's sleek, compact design minimizes loss of bench space and its powerful ports allow the use of the Hakko FM-2029 single hot air handpiece, and the Hakko FM-2030 heavy duty soldering iron, making this the ultimate rework station.





FM-206 *FM-2022* *FM-2024* *FM-2027*

Features:

- Graphic user interface for easy set up and operation
- Three simultaneous powered ports
- Self-contained pump for vacuum and air flow
- Digital airflow indicator
- Configurable display in °C or °F
- High-performance hot air handpiece ramps up to max temp in < 20 secs
- Capable of hot air rework of 0201, 01005 and up to 10x10mm QFNs
- Meets or exceeds ANSI J-STD-001
- Manual or automatic profile for hot air
- Security lock to protect against theft or unauthorized re-location
- Integrates with the Hakko FR-830 and FR-870 Preheaters
- Desoldering delay timer
- NOTE: Tips and nozzles are NOT included with station or any configuration

All Stations (Except FM206-55) Include:

- Three handpieces, see chart below
- Power supply and stands
- FM206-55 includes a power supply; no handpiece

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Included Handpieces

Desolder FM-2024	*Soldering FM-2027*	*Parallel FM-2022*	*Hot Air FM-2029*	*Part No.*	*Price*
✔	✔ (2)	✖	✖	**FM206-DSS**	**$1,705.17**
✔	✔	✔	✖	**FM206-DTS**	**$1,843.67**
✖	✔	✔	✔	**FM206-STA**	**$1,823.27**
✔	✔	✖	✔	**FM206-DSA**	**$1,874.67**

FM206 Power Supply

Description	*Part No.*	*Price*
FM206 3-Port Power Supply	**FM206-55**	**$1,160.77**

FIND MORE ONLINE

Tips and accessories for all FM-206 stations are sold separately and can be found at www.Techni-Tool.com

FM-206 Compatible Handpieces

	Description	*Tip Series*	*Part No.*	*Price*
	Soldering Iron, Stand	T15 Series	**FM2027-06**	**$123.67**
	Micro-Soldering Iron, Stand	T30 Series	**FM2032-52**	**$178.37**
	N2 Soldering Iron, Stand	T17 Series	**FM2026-06**	**$238.97**
	Parallel Remover (Hot Tweezer), Stand	T16 Series	**FM2022-05**	**$271.07**
	Mini HotTweezer, Stand	T9 Series	**FM2023-05**	**$310.77**
	Desoldering Tool, Stand	N3 Series	**FM2024-42**	**$333.97**
	Hot Air Handpiece, Stand	N4 Series	**FM2029-01**	**$311.57**
	Heavy Duty Soldering Iron, Stand	T22 Series	**FM2030-02**	**$178.37**
	Nitrogen Soldering Iron, Stand	T22 Series	**FM2031-KIT**	**$667.87**

FX951-66 Single-Port Digital Soldering Station

The FX-951 delivers the same superior heat transfer and thermal recovery and uses the same quick-change composite tips as the FM-203 Station. A high-performance system that includes an adjustable sleep mode that reduces the tip temperature to approximately 400°F after the programmed time (0-29 minutes). Includes auto power shut off (after 30 minutes).

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Station

Description	*Part No.*	*Price*
Single-Port Digital Soldering Station	**FX951-66**	**$269.77**

FX-951 Compatible Handpieces

	Description	*Tip Series*	*Part No.*	*Price*
	Soldering Iron Only	T15 Series	**FM2027-02**	**$80.67**
	Micro-Soldering Iron, Stand	T30 Series	**FM2032-52**	**$178.37**

Specifications:

- Power consumption: 75W
- Temp. range: 400° - 840°F
- Temperature stability: ±9°F
- Output voltage: 24V
- Uses T15 Series Tips, ***NOT INCLUDED***



Includes:

- Soldering Station - FX951-98
- Sleeve Cover Green - B3219
- Iron Holder w/Tip Cleaner - FH200-01
- Handpiece - FM2027-02
- Key Card - B2972
- Heat Pad - B2300
- Tip Tray - B2756
- Connector Cord - B3253
- Power Cord - B2419

HAKKO FR-810B SMD Rework System

FR-810B SMD Hot Air Rework Station

The FR-810B Hot Air Rework Station sets a new bar for convective rework. The compact and lightweight design features a quiet, self-contained turbine air supply, capable of delivering up to 115 L/min. The new heating element design improves durability, provides a top-end temperature of 1120°F and eliminates the quartz glass insulator tube. The FR-810B includes an integrated vacuum pickup system with a visual indicator for reflow, allowing the operator to visually see when the component has completely reflowed and is safely lifted from the PCB.



FR-810B Features:

- New preset chain feature that allows the operator to link up to five presets to run in sequence, simulating a 5-heating zone reflow profile for SMD components
- Slender handpiece with start/stop button

FR-810B-05 Includes:

- FR-810B Hot Air Rework Station
- Power Cord (B5054)
- Heat-Resistant Pad (B2300)
- Handpiece Holder (B5048)
- Large Vacuum Pipe Knob w/Screw (B3023)
- Pads (2 each of 3.0mm, 5.0mm, 7.6mm)

FR-810B Specifications:

- Power consumption: 820W
- Temperature range: 120 - 1120°F
- Airflow capacity: 5-115 l/min.

Description	*Part No.*	*Price*
SMD Hot Air Rework Station	**FR810B-05**	**$873.17**

Nozzles are sold separately

Accessories for the FR-810 SMD Rework System

Omnivise Board Holder

The Omnivise holds boards easily, safely and securely. The unique design allows 360° use and can adjust to five different height settings. Can accommodate any board size.



Description	*Part No.*	*Price*
Omnivise Board Holder	**C1390C**	**$61.27**

Nozzle Storage Tray

A convenient storage tray for all your nozzles.



Description	*Part No.*	*Price*
Nozzle Storage Tray	**C1391B**	**$82.07**

Adjustable Boom Stand

Has a 22" reach and provides smooth movement with 2" of fine vertical adjustment and over 12" of fast vertical movement. Supports the FR-801, FR-802, FR-803 and FR-803B hot air handpiece, and is an ideal accessory for the FR-1012 IR preheater.



Description	*Part No.*	*Price*
Adjustable Boom Stand	**999-224B**	**$857.27**

Rework Fixture

Designed for use with the 850, 852, 702, FR-801, FR-802, FR-803, FR-803B hot air rework systems. It can be used alone or together with the Hakko 853 preheater and C1390 Omnivise board holders. Features adjustable vertical height and stop.



Description	*Part No.*	*Price*
Rework Fixture	**C1392B**	**$744.57**

FR-872 Large IR Preheater

Particularly useful when soldering Pb-free assemblies. Ramp control that controls the ramp rate of the PCB when using either of the thermocouple modes of temperature control. 8.8" x 10.5" effective heating area.



Description	*Part No.*	*Price*
Large IR Preheater	**FR872-03**	**$1,694.87**

Specifications:

- Voltage: 120V
- Power consumption: 1440 W
- Heater array: carbon filament lamp x 12
- Remote thermocouple: K-type
- Temperature range: 122°F to 392°F
- 4 independent switchable zones

FR-870B IR PCBoard Preheater

Updated replacement for the popular Hakko FR-870 IR Preheater that includes an upgrade to use the new high-efficiency carbon filament lamps.



Description	*Part No.*	*Price*
IR Preheater	**FR870B-04**	**$1,076.47**

Specifications:

- Voltage: 120V
- Power consumption: 730 W
- Heated area: 7.5" x 3.2"
- Temperature range: 122°F to 392°F
- 2 independent switchable zones

FR-830 Preheater

The integrated self-resetting overheat protection, high pressure fan, and convex outlet reduces heat buildup and prevents blockage of the outlet.



Description	*Part No.*	*Price*
Preheater	**FR830-02**	**$352.67**

Specifications:

- 5.5" x 3" x 7.3"
- Power consumption: 470W/120VAC
- Hot air temperature: 302 - 572°F
- Air flow: 0.15 cu.m/min.

MBT 301 & 350 Self-Contained Rework Stations

IntelliHeat

Made in the USA

BEST SELLER



8007-0478



8007-0454

MBT 301

PACE's MBT 301 is a self-contained, two-channel rework station that offers high capacity, low temperature SMT/through-hole soldering, desoldering and repair. The unit features two individually powered and controlled handpiece channels, providing the capability to run two different IntelliHeat handpieces simultaneously, and at different temperatures.

Specifications For MBT 301 & MBT 350 Stations:

- Peak power: 240W
- Temperature range:
  - TD-100A/MT-100: 400° to 850°F
  - SX-100: 100° to 900°F
- Temperature stability: 2°F
- Air flow: 8 l/min. max.
- Air pressure: 18psi max.
- SX-100 vacuum: 20 in Hg max.
- Self-contained

MBT 350

PACE's MBT 350 is a self-contained, three-channel rework station that offers high capacity, low temperature SMT/through-hole soldering, desoldering and repair. The unit features three individually powered and controlled handpiece channels, providing the capability to run three different IntelliHeat handpieces simultaneously, and also features a crystal clear digital LCD screen.

MBT 301 Stations

Description	*Part No.*	*Price*
MBT 301 Dual-Channel Digital Rework Station w/TD-100A Soldering & SX-100 Desoldering Handpieces, Iron Holders & Accessories	**8007-0478**	**$1,303.01**

MBT 350 Stations

MBT 350 Three-Channel Digital Solder, Desolder & Rework Station w/PS-90 Soldering, MT-100 Mini-Tweezer & SX-100 Desoldering Handpieces, Iron Holders & Accessories	**8007-0551**	**$1,740.12**
MBT 350 Three-Channel Digital Solder, Desolder & Rework Station w/MT-100 Mini-Tweezer, TD-100A Soldering & SX-100 Desoldering Handpieces, Iron Holders & Accessories	**8007-0454**	**$1,652.46**

MBT 250 Self-Contained Rework Stations

This three-channel Sensatemp technology system can power up to three handpieces, delivering 180 watts of total power in any proportion. Independently controlled channels allow three different handpieces and tips to be operated simultaneously at different temperatures. All temperature settings, offsets, ranges, and calibrations for each channel are retained in a non-volatile memory for later use, even after the unit is turned off. The durable extruded aluminum chassis is ultra-rugged, ESD-safe and takes up minimal space.

Specifications For All MBT 250 Stations:

- Peak power: 184W
- Temperature range: 100° - 900°F
- Temperature stability: 2°F
- Air flow: 9 l/min. max.
- Air pressure: 7psi max.
- Vacuum: 20 in Hg max.
- Self-contained

SensaTemp

8007-0206



Description	*Part No.*	*Price*
MBT 250-SDTP Three-Channel Digital Self-Contained Rework Station w/SX-100 Sodr-X-Tractor Desoldering Handpiece, TP-65 ThermoPik Handpiece, PS-90 Soldering Iron & TT-65 ThermoTweez High Power Reflow Tweezer	**8007-0206**	**$2,486.38**
MBT 250-SDT Three-Channel Digital Self-Contained Rework Station w/SX-100 Sodr-X-Tractor Desoldering Handpiece, PS-90 Soldering Iron & TT-65 ThermoTweez High Power Reflow Tweezer	**8007-0547**	**$1,954.52**
MBT 250-SD Three-Channel Digital Self-Contained Rework Station w/SX-100 Sodr-X-Tractor Desoldering Handpiece & PS-90 Soldering Iron	**8007-0203**	**$1,599.15**

ALL STATIONS ALSO INCLUDE: MBT 250 Power Supply, Accessory Kit, VisiFilter, Tip & Tool Holders, Tip Maintenance Station

PRC 2000 Self-Contained Benchtop Factory

Made in the USA

SensaTemp



The PRC 2000 can tackle just about any through-hole and SMT application, and is well suited for multilayer repairs on damaged or prototype PCBs. Featuring three simultaneously active SensaTemp handpiece channels, a built-in paste dispenser, MicroChine for removing conformal coatings or grinding away PCB laminate, and pulse heat technology. It is fully self-contained with three separate pumps.

Description	*Part No.*	*Price*
PRC 2000 Self-Contained Benchtop Factory	**8007-0132**	**$5,776.01**

Specifications:
- Power requirements: 115 VAC, 60 Hz
- Peak power: 400 W
- Temperature range: 100° - 900°F
- Temperature stability: 2°F
- Vaccuum: 20" Hg. (nominal)
- Compressed air pressure: 7 psi max.

Includes:
- TW-15 ResisTweez Handpiece
- MC-65 MicroChine Handpiece
- PS-90 Soldering Handpiece (SensaTemp, Black Connector)
- SX-100 Sodr-X-Tractor Handpiece (SensaTemp, Black Connector)
- TJ-70 ThermoJet Handpiece (SensaTemp, Black Connector)
- TP-65 ThermoPik Handpiece (SensaTemp, Black Connector)
- TT-65 ThermoTweez Handpiece (SensaTemp, Black Connector)
- LF-15 LapFlo Handpiece
- PV-65 Pik-Vac Vacuum Wand
- Iron Holders and Accessories



ADS200 AccuDrive Production Soldering Station

At the heart of the ADS200 lies PACE's new AccuDrive Technology. AccuDrive allows you to set honest, highly accurate temperatures, withough the need to change cartridges or calibrate. Its advanced electronics provide instantaneous load sensing and on-demand power to quickly reflow solder joints at safe, low temperatures, regardless of the mass of the application. The new TD-200 AccuDrive Tip-Heater Cartridge Iron makes continuous production soldering effortless with its sleek dimensions, comfortable ergonomics and cool touch.

Temperature Presets
Easily scroll between three user-defineable, preset temperatures.

Digital LED Display
Viewable at all angles.

Simple Operation
Power on, set the temperature with the arrow keys and start soldering.

Rugged, All-Metal Construction
The housing, tool stand and TD-200 Iron endure extreme, multi-shift production use.

No Calibration Required
AccuDrive absolute temperature accuracy eliminates the need for routine, costly calibration.



RoHS COMPLIANT

Standard or Optional ISB Tool Stand
Optional Instant SetBack (ISB) Tool Stand automatically lowers temperature when iron is in the stand to extend tip life and save energy. All models incorporate a sponge and non-abrasive brass wool. The wide-angled design of the stand allows easy insertion and removal of the TD-200 iron, yet holds it securely.

TD-200 Tip Heater Cartridge Iron & Blue Series Tip-Heater Cartridges:
Beneath its sleek dimensions, comfortable ergonomics and Cool Touch™ technology, the all-metal TD-200 Iron makes continuous production soldering effortless. New AccuDrive technology combines a high-accuracy sensor and powerful heat generation in one tip cartridge.

Stations

Description	*Part No.*	*Price*
ADS200 AccuDrive Soldering Station, 120V, w/Standard Tool Stand	**8007-0578**	**$239.00**
ADS200 AccuDrive Soldering Station, 120V, w/Standard Tool Stand & 4 Tips	**8007-0584**	**$284.57**

Specifications:
- Peak power: 120W max. output, 97-127 VAC, 50/60 Hz
- Temperature range: 380° to 850°F
- RoHS-compliant

JBC Premium Line Nano Rework Stations

The new NANE-1C and NASE-1C stations feature a solution for reworking heat-sensitive components and are the best solution for repairing very small-sized components requiring the highest precision such as chips 0402, 0201, 01005, etc. These new stations come with the new Temperature Dynamic Profiles functionality. These profiles allow you to control the temperature of the component during all the phases of the soldering process, emulating the heating process in a reflow oven. The new NANO stations work with the ergonomic NT115-A, NP115-A and NP115-B irons, and are compatible with C115 cartridge range.

BEST SELLER

NASE-1C Includes:
- Power supply: NAE Control Unit
- Handpieces: AN115-A Adjustable Nano Tweezers & NT115-A Nano Handpiece
- Cartridges: C115101, C115103, C115105, C115107, C115112, C115113
- P-405 Pedal

NANE-1C Includes:
- Power supply: NAE Control Unit
- Handpieces: 2 NT115-A Nano Handpieces
- Cartridges: C115101, C115103, C115105, C115107, C115112, C115113
- P-405 Pedal

NASE & NANE Specifications:
- Voltage: 120V
- Output peak power: 14W per tool
- Temperature stability: ± 5.5°F
- Temperature selection: 190 to 840°F



NASE-1C

Intelligent Heat Management
When the tool is placed back on the stand, the sleep & hibernation features are automatically activated. This lowers the tip temperature and increases a tip's life by more than five.

TFT Screen
The menu is intuitive and easier to use thanks to the improved interface usability.

Temperature Levels
You can set up to three temperature levels. Quick access if this option is activated.

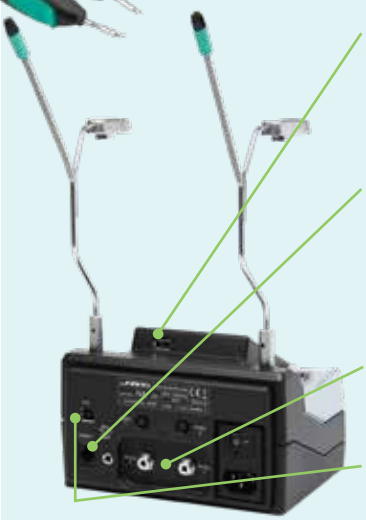
Process Control
The user-friendly menu allows you to personalize over 20 parameters to help manage the soldering process.

Cleaning & Extraction Set
The set consists of a tip cleaning stand and a quick tip changer. Each set can accommodate a different cleaning system and allows you to organize cartridges according to the job.



NANE-1C

Precision Tools
The NT115-A Nano Purpose Soldering Iron and AN115-A Adjustable Nano Tweezers are the lightest and the most ergonomic.



USB-A Port
By using a USB flash drive you can update the latest software, extract graphs and export/ import your own settings.

Robot Connector
RJ-12 output for a RS-232 connection with a protocol for robots. This option requires an external robotic system in which the robot manages the JBC control unit.

P005-A Pedal
Make the tool hibernate by pushing the pedal.

USB-B Port
Monitor and manage parameters of several stations from one PC.

Description	Part No.	Price
Nano Stations		
NASE-1C Nano Rework Station w/ AN115-A Adjustable Nano Tweezers & NT115-A Nano Handpiece	**NASE-1C**	**$1,560.00**
NANE-1C Nano Soldering Station w/2 NT115-A Purpose Soldering Handpieces	**NANE-1C**	**$1,470.00**
Replacement Handpieces		
Adjustable Nano Tweezers	**AN115-A**	**$232.00**
Nano Handpiece	**NT115-A**	**$85.00**
Consumables & Tools		
Soft Foam Grips for NT115-A	**018662**	**$16.00**
Extension Lead for Nano Stations	**A1205**	**$73.00**
Metal Brush for Nano Stations	**CL2466**	**$14.60**

JBC Compact Line Stations

Compact Line Stations offer the best self-contained equipment for successful hand soldering. These stations work with the JBC exclusive heating system and the intelligent sleep and hibernation features. Using the menu you can personalize over 20 parameters to help manage the soldering process. They feature a USB connector to update software, create graphs and manage parameters from a PC.
The complete cleaning system features an antisplash membrane.

CD-1SQE

Soldering station for precision electronic applications.

Includes:
- CD Soldering Station
- T210-A Precision Purpose Handpiece

Specifications:
- Voltage: 120V
- Output peak power: 40W/23.5V
- Temperature selection: 190 to 840°F



CD-1SE

Uses C210 Series Tips, sold separately

Description	*Part No.*	*Price*
CD-1SQE Precision Soldering Station	**CD-1SQE**	**$461.00**

CD-1BQE

BEST SELLER

Soldering station with the JBC Advanced system for general electronic applications.

Includes:
- CD Soldering Station
- T245-A Soft Thermal Insulator Handpiece

Specifications:
- Voltage: 120V
- Output peak power: 130W/23.5V
- Temperature selection: 190 to 840°F



CD-1BE

Uses C245 Series Tips, sold separately

Description	*Part No.*	*Price*
CD-1BQE General Purpose Station	**CD-1BQE**	**$461.00**

SRWS SMD Rework System

The SRWS rework system provides full control over SMD components and rework processes. This system is comprised of:

- Hot air station JTSE controls the rework task using temperature and air flow profiles.
- Rework arm RWS supports the hot air heater for hands-free use.
- Pre-h eater set PHSE-K includes an infrared heater and a PCB support.

JTSE Specifications:
- Voltage: 120V
- Output peak power: 700W
- Selectable temperature: 300-840 °F
- Air flow: 5 to 50 SLPM
- Vacuum: 30% / 228 mmHg / 9 inHg

PHSE Specifications:
- Voltage: 120V
- Max. power: 500W
- Heating area: 65 x 135 mm (1 zone); 30 x 135 mm (2 zones)
- Temperature range: 120 to 482°F



SRWS Station

Description	*Part No.*	*Price*
SMD Rework System	**SRWS-1SB**	**$4,795.00**
Components of the SRWS Station		
Hot Air Station, Includes: Protectors, Tripods & Extractors	**JTSE-1A**	**$2,325.00**
Adjustable Rework Arm for PHS - Base 270x400mm	**RWS-D**	**$884.00**
IR Preheater Set	**PHSE-1KA**	**$1,815.00**

RMSE & RMVE Complete Rework Stations

Uses C245 Series Tips, sold separately



The quickest and safest solution for soldering and rework, also using hot air. It consists of stackable modules and all the necessary accessories to make your job easier. The DDE Control Unit manages up to two tools simultaneously and is fully compatible with ten different JBC tools.

Specifications:
- Peak Power: 150 W per tool – 23.5 V (DDE), 700W (JTSE)
- Temperature: 190 to 840°F (DDE), 300-840°F (JTSE)
- RMSE - self-contained
- ***RMVE - requires shop air***

Both Stations Include:
- JTSE Hot Air Station
- DDE 2 Tools Control Unit
- RMSE Only: MSE-A Electric Desoldering Module for DDE & DME
- RMVE Only: MVE-A Pneumatic Desoldering Module for DDE & DME
- T245-A General Purpose Handle (cartridge not included)
- DR560-A Desoldering Iron
- Stands: AD-SE Stand for T210 & T245 Handles, DR-SE Stand for DR560, JT-SE Stand for JT heater, SCH-A Cartridge Holder
- Accessories: JT-TA Heater Hose Sets, CL8499 Manual Tip Cleaner, JN2015, JN2012 & JN2020 Nozzles for JT heater, T260-A Pick & Place, 0008752 Extractor Desk, PH218 Thermocouple Type K, PH217 Kapton tape

Description	*Part No.*	*Price*
Complete Rework Station with Electric Pump (Self-Contained)	**RMSE-1QE**	**$4,208.00**
Complete Rework Station with Pneumatic Pump	**RMVE-1QE**	**$4,208.00**

METCAL™

CV-5200 & CV-510 Connection Validation Soldering Stations



CV-5210



CV-5210

CV-510

Metcal is raising the bar with a technology that will change hand soldering forever.
Metcal soldering stations have led the way with SmartHeat® technology for 35 years. SmartHeat senses the thermal load and instantly delivers power on demand directly to the joint. The embedded, self-regulating heater delivers the right amount of power based on the requirements of the solder joint. This provides a fast, safe and repeatable process with no calibration required.

Currently, the industry standard relies on a visual inspection of the solder joint. Metcal has developed a better way.

Introducing Connection Validation.

The intermetallic compound thickness is critical in the formation of a solder joint. Connection Validation (CV) evaluates the quality of the solder joint by calculating the intermetallic compound formation and provides closed loop feedback to the operator.

CV provides feedback to the operator via the LED light ring integrated in the handpiece. It takes the risk associated with the variables involved in the soldering activity and removes the success and failure determination of a good solder joint out of the hands of the operator. CV complements the skill of the operator to judge the quality of a solder joint by introducing an objective method of evaluating solder joint quality.

Specifications:

- Ambient operating temperature: 10 to 40 °C
- Max. enclosure temperature: 55°C
- Input line voltage: 100 – 240 VAC, grounded circuit
- Rated power consumption:
  - CV-5210: 125W
  - CV-510: 45W (nominal), 85W (max.)
- Output power:
  - CV-5210: 80W max.
  - CV-510: 40W max.

Features:

- SmartHeat Power On-Demand technology
- Patented Connection Validation IMC Formation technology
- 2.8" color touchscreen with bold graphics
- Communications port for process traceability data and firmware graphics
- Precise tip temperature display
- Integrated net power meter and power graph
- Patented Chip-in-Cartridge technology:
  - Closed loop bi-directional communication
  - Stores and records cartridge attributes
  - Provides traceability information
  - Protects power supply from non-conforming cartridges
  - Backwards compatible with MX series power supplies

Stations & Accessories

Description	*Output Power*	*Part No.*	*Price*
CV-5210 Connection Validation™ Soldering Station w/CV Power Supply, CV-H1-AV Advanced Handpiece w/Integrated LED Light, Cartridge Removal Pad & CV-W1AV TipSaver Stand	80W max.	**CV-5210**	**$899.00**
CV-510 Connection Validation™ Soldering Station w/CV Power Supply, CV-H1-AV Advanced Handpiece w/Integrated LED Light, Cartridge Removal Pad & CV-W1AV TipSaver Stand	40W max.	**CV-510**	**$665.00**

Compatible Handpieces

	Description	*Tip Series*	*Part No.*	*Price*
	Advanced Handpiece for w/Integrated LED Light	CVC/SMC	**CV-H1-AV**	**$152.00**
	Upgrade Kit: Advanced Handpiece for w/ Integrated LED Light & Stand		**CV-UK1**	**$245.00**
	UltraFine Handpiece	UFC	**CV-H2-UF**	**$179.00**
	Upgrade Kit: UltraFine Handpiece & Stand		**CV-UK2**	**$269.00**
	Precision Tweezer Handpiece	PTC	**CV-H4-PTZ**	**$315.00**
	Upgrade Kit: Tweezer Handpiece & Stand		**CV-UK4**	**$392.95**
	UltraFine Tweezer Handpiece	UFT	**CV-H4-UFT**	**$259.00**
	Upgrade Kit: UltraFine Tweezer Handpiece & Stand		**CV-UK4-HFT**	**$350.00**
	Desolder Handpiece	DSC	**CV-H5-DS**	**$425.00**
	Upgrade Kit: Desolder Handpiece & Stand		**CV-UK5**	**$495.00**
	High Thermal Demand Handpiece	HCV	**CV-H6-HTD**	**$152.00**
	Upgrade Kit: High Thermal Demand Hand-piece & Stand		**CV-UK6**	**$245.00**
	High Thermal Demand Handpiece For CV Solder Wire Feeder System	HCV	**CV-H7-HTD**	**$249.40**
	Upgrade Kit: High Thermal Demand Hand-piece For CV Solder Wire Feeder System, Stand & Solder Wire Feeder Unit		**CV-UK7-HTD**	**$673.40**
	Solder Wire Feeder Advanced Handpiece	CVC	**CV-H7-AV**	**$249.40**
	Upgrade Kit: Solder Wire Feeder Advanced Handpiece, Stand & Solder Wire Feeder Kit		**CV-UK7**	**$673.40**

MX-5200 Dual Simultaneous Soldering, Desoldering & Rework Series



MX-5211

The MX-5200 Dual Simultaneous Soldering, Desoldering and Rework Series offers the same increased productivity and process controls as the MX-5000, now with dual simultaneous ports.

The MX-5200 systems can be operated with two handpieces at the same time, dynamically sharing the 80 W output power based on demand, adding even more application flexibility and speed. Features fast recovery time, delivering increased production rates and throughput - no matter the application. The challenges of high mass components, multilayered boards and lead-free solders are seamlessly tackled by the MX-5200 super-charged power supply.

BEST SELLER

Specifications:

- Power consumption: 125 W
- Output power: 80 W max. per channel at 22°C ambient temperature
- Four mode indicators: Ready, Power, Sleep and Powersave

Features:

- SmartHeat process control: The technology built into every Metcal system means that soldering and rework are always performed at safe, controlled temperatures.
- TipSaver™ workstand improves tip life. This "auto-sleep" workstand reduces the power to the handpiece when it is placed in the stand.
- Ergonomic handpieces: The aluminium handpieces for soldering and rework provide a cooler, lighter weight.
- ESD-safe and features incoming AC ground monitoring circuitry. The AC (mains) ground monitor detects power line ground failure, immediately alerting the operator and shuting down the system.
- Built-in power indication meter with digital display and bar graph that visually provides the operator with feedback on the status of the soldering operation.

MX-5200 Stations

Description	*Part No.*	*Price*
MX-PS5200 Power Supply, MX-H1-AV Advanced Handpiece & Stand	**MX-5210**	**$799.00**
MX-PS5200 Power Supply, 2 MX-H1-AV Advanced Handpieces & 2 Stands	**MX-5211**	**$1,025.00**
MX-PS5200 Power Supply, MX-H2-UF UltraFine Handpiece & Stand	**MX-5220**	**$853.00**
MX-PS5200 Power Supply, MX-PTZ Tweezers Handpiece, MX-H1-AV Advanced Handpiece & Stands	**MX-5241**	**$1,192.00**
MX-PS5200 Power Supply, MX-DS1 Desoldering Gun, Stand & Cleaning Accessories	**MX-5250**	**$1,049.00**
MX-PS5200 Power Supply, MX-H1-AV Advanced Handpiece, MX-DS1 Desoldering Gun, Stands & Cleaning Accessories	**MX-5251**	**$1,249.00**

Compatible Handpieces

	Description	*Tip Series*	*Part No.*	*Price*
	Advanced Handpiece	STTC & SMTC	**MX-H1-AV**	**$139.00**
	Advanced Handpiece w/Tip Saving Stand		**MX-UK1**	**$226.35**
	UltraFine Handpiece	UFTC	**MX-H2-UF**	**$166.30**
	UltraFine Handpiece w/Tip Saving Stand		**MX-UK2**	**$254.25**
	Dual-Cartridge Handpiece	SMTC-XCH	**MX-HPDC**	**$425.00**
	Dual-Cartridge Handpiece with Stand		**MX-UK3**	**$550.00**
	Precision Tweezers Handpiece	PTTC	**MX-PTZ**	**$305.59**
	Precision Tweezers Handpiece w/Tip Saving Stand		**MX-UK4**	**$392.95**
	Desoldering Handpiece	STDC	**MX-DS1**	**$362.95**
	Desoldering Handpiece w/Tip Saving Stand		**MX-UK5**	**$449.50**
	High Thermal Demand Handpiece	HTD	**MX-H6-HTD**	**$139.00**
	High Thermal Demand Handpiece w/Tip Saving Stand		**MX-UK6**	**$226.35**
	Solder Wire Feeder Handpiece	STTC & SMTC	**MX-H7-SF**	**$249.40**
	Solder Wire Feeder System		**MX-UK7**	**$673.40**



MX-5251

Acessories

Description	*Part No.*	*Price*
Soldering Sponge, Yellow, 10 Pack	**AC-Y10**	**$25.21**
AC-BP Lead-Free Brass Pads 10/Pack	**AC-BP**	**$11.83**
Maintenance Kit For MX-DS1 Handpiece	**MX-DMK1**	**$43.84**
Filter Pack For MX-DS1 Handpiece - 15 Liners, 6 Filters	**MX-DCF1**	**$32.95**

Weller Zero Smog Systems

Zero Smog is an economical volume filtration system ideal for wide-ranging work areas

Eliminates polluted process air then saves energy costs by recirculating it back into your facility.

- Maintenance-free, brushless turbines
- Connectable to external air outlet
- Low vacuum and high volume for efficient volume extraction
- Cost-saving air flow controls for each workstation
- Monitor filter condition on each unit or by optional remote control
- Wide range of extraction arms and nozzles to meet any workstation configuration

Zero Smog 6V - Up to Eight Workplaces

User-friendly with quick and simple installation and filter exchange.

Features:

- The Constant Flow Control (CFC) guarantees optimal air flow regulation for each workplace independent of the connected workplaces
- Efficiency test via USB port
- Electronic filter control with optical and acoustical filter alarm.
- 4 wheels
- Remote control via RS 232 port
- Low noise level



T0053666299N

Zero Smog 4V - Up to Four Workplaces

Easy to install and operate. It is designed for use as a small central system.

Features:

- The Constant Flow Control (CFC) guarantees optimal air flow regulation for each working place independent of the connected workplaces
- Electronic filter control with optical and acoustical filter alarm
- Efficiency test via USB port
- 4 wheels for easy movement
- Remote control via RS 232 port
- Low noise



T0053660299N

Zero Smog TL - Up to Two Workplaces

Portable, easy-to-install extraction unit fits under or next to the bench.

Features:

- Variable speed settings, active carbon foam filter and maintenance-free, brushless EC blower
- Easy filter replacement
- Low noise levels
- Audio-visual filter change alarm



ZEROSMOGTLN

Zero Smog EL - Up to Two Workplaces

Compact, versatile and cost-effective fume extraction for up to two workplaces.

Features:

- 4-speed blower
- Easy-Click-60 simplifies installation
- Electronic filter monitor with alarm
- Easy filter change



ZEROSMOGELN

MG130 - Up to Two Workplaces

Part of the FT Zero Smog Series for filtering and purifying air for up to two workplaces.

Features:

- Filter alarm and 3-step speed control, with a compact footprint and 100-240V power supply
- 2,300 Pa max blower vacuum
- 140 m3/h max blower capacity



U-130-1000-ESD

>>> ACCESSORIE

Accessories for the Zero Smog Fume Extractors can be found on the next page.

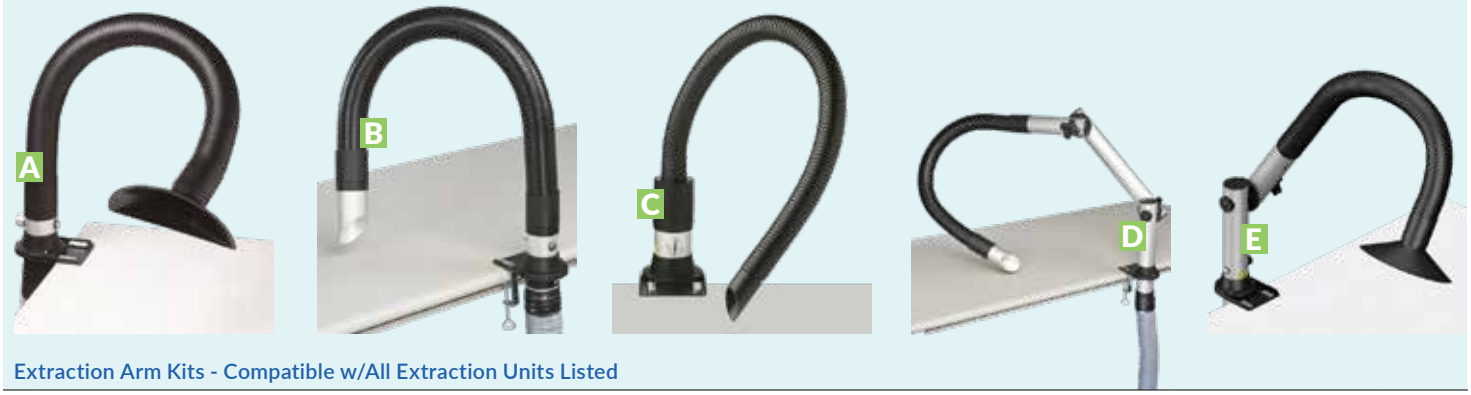
Zero Smog Fume Extraction Units

Max. Blower Vacuum	*Max. Blower Capacity*	*Noise Level @ 1 m*	*Includes*	*Part No.*	*Price*
3,000 Pa	645 m^3/h	51 dB (A)	Zero Smog 6V Fume Extraction Unit, Compact Particle Filter (H13 Particle Filter & Wide Band Gas Filter) & Pre-Filter F7 - ***Extraction Arms Sold Separately***	**T0053666299N**	**$4,300.00**
2,700 Pa	230 m^3/h	48 dB (A)	Zero Smog 4V Fume Extraction Unit, Compact Particle Filter (H13 Particle Filter & Wide Band Gas Filter) & Pre-Filter F7 - ***Extraction Arms Sold Separately***	**T0053660299N**	**$2,680.00**
			Zero Smog 4V Fume Extraction Unit, Wide Band Gas Filter For Adhesive Fumes & F7 Fine Dust Pre-Filter - ***Extraction Arms Sold Separately***	**T0053661299N**	**$2,830.00**
			Zero Smog 4V Fume Extraction Unit, 1 ALFA Funnel Nozzle Kit	**T0053662299N**	**$2,220.00**
			Zero Smog 4V Fume Extraction Unit, 2 ALFA Funnel Nozzle Kits	**T0053664299N**	**$2,450.00**
3,000 Pa	190 m^3/h	< 50 dB (A)	Zero Smog TL Fume Extraction Unit, H13 Particle Filter & F7 Fine Dust Pre-Filter - ***Extraction Arms Sold Separately***	**ZEROSMOGTLN**	**$810.00**
			Zero Smog TL Fume Extraction Unit, Stop Valve W/Bench Mounting Brackets, Flexible, 1 Adjustable Extraction Arm Kit	**ZEROSMOGTLKIT1N**	**$975.00**
2,500 Pa	220 m^3/h	55 dB (A)	Zero Smog EL Fume Extraction Unit, H13 Particle Filter w/10% Active Carbon Foam Wide Gas Filter & M5 Medium Dust Pre-Filter - ***Extraction Arms Sold Separately***	**ZEROSMOGELN**	**$630.00**
			Zero Smog EL Fume Extraction Unit, 1 ALFA Easy-Click-60 Funnel Nozzle Kit	**ZEROSMOGELKIT1N**	**$685.00**
2,300 Pa	140 m^3/h	< 52 dB (A)	MG130 Fume Extraction Unit, F7 Fine Dust Pre-Filter & H13 Particle Filter w/ Wide-Band Gas Filter (50% Active Carbon, 50% Chemisorb) - ***Extraction Arms Sold Separately***	**U-130-1000-ESDN**	**$1,160.00**
			MG130 Fume Extraction Unit, 2 Extraction Arms & 2 ALFA Nozzle Kits	**U-130-1055-ESDN**	**$1,330.00**

Weller® Zero Smog Systems Accessories

Extraction Arms

Extraction arms feature very slow pressure drop and are excellent for connecting to central ventilation systems.



Extraction Arm Kits - Compatible w/All Extraction Units Listed

	Description	Part No.	Price
A	Kit 1 ALFA Funnel Nozzle: Easy-Click 60 Extraction Arm (60 mm), Funnel Nozzle, Flexible Arm, Hose & Stop Valve w/Bench Mounting Brackets	**T0053657199N**	**$230.00**
B	Kit 1 Sloped Nozzle: Easy-Click 60 Extraction Arm (60 mm), Sloped Nozzle, Flexible Arm, Hose & Stop Valve w/Bench Mounting Brackets	**T0053657299N**	**$230.00**
C	Kit 1 32 Sloped Nozzle: Easy-Click 60 Extraction Arm (32 mm), Sloped Nozzle, Flexible Arm, Hose & Stop Valve w/Bench Mounting Brackets	**T0058762770**	**$284.00**
D	Kit 1S Sloped Nozzle: Easy-Click 60 2-Joint Aluminum Extraction Arm (60 mm), Sloped Nozzle, Flexible Arm, Hose & Stop Valve w/Bench Mounting Brackets	**T0053657999N**	**$466.00**
E	Kit 1S Funnel Nozzle: Easy-Click 60 2-Joint Aluminum Extraction Arm (60 mm), Funnel Nozzle, Flexible Arm, Hose & Stop Valve w/Bench Mounting Brackets	**T0058762763N**	**$384.00**

WFEP Tip Fume Extractor



Portable unit extracts fumes through attachments that fit standard Weller irons. Handles one or two irons. Features two-stage filtration with a combination HEPA and carbon/puratex filter and F7 dust filter. Filter-lift system lets you replace filters quickly and easily. Self-contained pump, maintenance-free motor.

Specifications:

- Voltage: 120 V AC
- Power: 70W
- Max. Vacuum: 30.000 Pa
- Capacity l/min: 50

Description	Part No.	Price
WFEP Tip Fume Extractor	**T0053623299N**	**$1,070.00**
Compact Filter	**T0053641099**	**$77.00**
Pre-Filter Replacement, 3/Pack	**0053642199**	**$10.60**

Replacement Filters

For Use With	Includes	Part No.	Price
Zero Smog 6V	H13 Particle Filter/Wide-Band Gas Filter	**T0058735838**	**$770.00**
	Carbon Fume Filter/WFE4S H13 Particle Filter With Wide-Band Gas Filter For Adhesive Fumes	**T0058735835**	**$620.00**
	F7 Fine Dust Filter - 10/pk	**T0058735836**	**$229.00**
	F5 Fine Dust Pre-Filter - 10/pk	**T0058735837**	**$77.00**
Zero Smog 4V	H13 Particle Filter /Wide-Band Gas Filter	**T0058735936N**	**$312.00**
	F7 Fine Dust Filter - 10/pk	**T0058735938**	**$82.00**
Zero Smog TL	H13 Particle Filter & Gas Filter, 10/pk	**T0058762858**	**$190.00**
	F7 Fine Dust Filter - 10/pk	**T0058762857**	**$76.83**
Zero Smog EL	Compact Filter: H13 Particle Filter w/10% Active Carbon Foam Wide Gas Filter & 10 M5 Medium Dust Pre-Filters	**T0058762701**	**$130.00**
	On/Off Remote Switch w/2m Cable	**FT91000033**	**$22.80**
MG130	F7 Fine Dust Pre-Filters, 5/pk	**130-2010**	**$34.30**
	H13 Particle Filter	**130-2000-ESDN**	**$210.05**

Accessories

Zero Smog EL	ZSRS Zero Smog Remote On/Off Switch	**FT91000033**	**$22.80**

WSA350 Benchtop Fume Extractor

The WSA350 removes flux fumes from the benchtop by drawing the smoke through an activated carbon filter. Powered by an exceptionally quiet fan, the WSA350 can process up to 1.37 cubic meters of air per minute. The collector can be easily adjusted to multiple positions.

Description	Part No.	Price
Benchtop Fume Extractor	**WSA350**	**$95.00**
Carbon Filter (3/Pack)	**WSA350F**	**$9.80**

Features:

- Stand allows the smoke absorber to be adjusted to varying angles
- Fan is quiet and will not add significant noise
- Includes one replacement filter (WSA350F)
- ESD Safe

Specifications:

- Power: 20W
- Air consumption: 87-107 CFM
- Sound level: 45-50 dBA
- Absorption capacity: 1.25 m3/min.



Arm-Evac Fume Extractors & Accessories

Protection options for a wide range of applications



8889-0150-P1, Arm-Evac 150

Arm-Evac 150 Features:

- SteadyFlex™ ESD-safe Arm/Nozzle Assembly stays put, exactly where you position it
- Wireless remote allows easy operation of most functions from a distance
- Locking casters for easy mobility & portability

Arm-Evac 150 - Protect your workers at a competitive price

Includes a self-supporting SteadyFlex™ ESD-safe Arm/Nozzle assembly and three-stage filtration system — everything you need to set up one operator! Add another arm, sold separately, to make it suitable for two operators. Reliable, brushless motor pump does not require costly routine maintenance.

The Arm-Evac 105 provides the best protection from harmful fumes in its price range

Portable, compact, easily placed on or under a workbench. Features a brushless motor and heavy duty, 20-gauge steel housing. Uses same arms as Arm-Evac 250/200. Flow rate: 220 m3/h.



8888-0110-P1, Arm-Evac 105

Arm-Evac 200 for light-duty production, repair and rework operations

Features durable, 18-gauge steel construction, easy filter access and a heavy duty brushless motor. A wide variety of collection accessory options and filters are available. Designed for one to two workstations.

Arm-Evac 250 offers versatile, heavy duty filtration for 1-4 workstations

Unit increases pump speed as filter becomes loaded. Microprocessor controlled with an easy-to-read LED filter condition monitor that changes color when the filter needs to be changed. Self-calibrates to specific arm configurations. Flow rate 510 m3/h. Includes: pre-filter, HEPA/gas combination filter and power cord.



8889-0255-P1, Arm-Evac 250

Model	Arm-Evac 105	Arm-Evac 150	Arm-Evac 200	Arm-Evac 250
Power Requirements	115 VAC, 60 Hz	110V, 60 Hz	115VAC, 60 Hz 3 Amps 230VAC, 50 Hz 1.38 Amps	120VAC, 60 Hz 3 Amps 230VAC, 50 Hz 1.38 Amps
Dimensions	19.6"H x 11.5" W x 11.5" D	12" W x 12" D x 17" H	15.4" H x 11.1" W x 14.3" D	15.4" H x 11.1" W x 14.3" D
Weight	11.5 Kg (25.3 pounds)	9.07 Kg/20 lbs	13.75 Kg (30.25 lbs)	14 Kg (31 lbs)
Sound Level	55 dBA	< 53 dbA 50% motor speed < 63 dbA 100% motor speed	58 dBA	58 dBA
Number of Inlets	Two 75 mm (3" Dia.)	Two 60 mm (2.4")	Two 75mm (3" Dia.)	Two 75mm (3" Dia.)
Flow Rate: General Purpose Filter	Single Inlet: 130 cfm Dual Inlet: 70 cfm per inlet	Single Inlet: 155 cfm Dual Inlet: 90 cfm per inlet	Single Inlet: 170 cfm Dual Inlet: 100 cfm per inlet	Single Inlet: 170 cfm Dual Inlet: 100 cfm per inlet
Flow Rate: Cleanroom Filter	Single Inlet: 110 cfm Dual Inlet: 62 cfm per inlet	Single inlet: 145 cfm Dual inlet: 85 cfm per inlet	Single Inlet: 150 cfm Dual Inlet: 80 cfm per inlet	Single Inlet: 150 cfm Dual Inlet: 80 cfm per inlet
Standard Primary Filter	General-Purpose Filter	General-Purpose Filter	General-Purpose Filter	General-Purpose Filter
Filtration Options	General-Purpose Filter, Cleanroom Filter, Adhesive Filter, Extended Life Filter, Economy Filter			
Nozzle Kit Included	No	Yes	No	No
Part No.	**8888-0110-P1**	**8889-0150-P1**	**8889-0205-P1**	**8889-0255-P1**
Price	**$664.50**	**$795.00**	**$1,068.99**	**$1,560.14**

Accessories For Each Operator Added To System

Includes	*Use With*	*Part No.*	*Price*
2.4" SteadyFlex™ ESD-Safe Arm/Nozzle Assembly	Arm-Evac 150	**8886-0850-P1**	**$80.00**
3" Dia. ESD-Safe Plastic Flex Arm & Bench Mounting Bracket Kit	Arm-Evac 105, 200, 250	**8886-0765-P1**	**$223.31**
3" Dia. ESD-Safe Plastic Flex Arm	Arm-Evac 105, 200, 250	**8886-0750-P1**	**$100.19**
Metal Plenum, ESD-Safe Flex Hose	Arm-Evac 105, 200, 250	**8886-0366-P1**	**$331.67**

Replacement Filters For Arm-Evac 105, 150, 200, 250

Includes	*Part No.*	*Price*
Pre-Filter, 5/pk.	**8883-0112-P5**	**$30.99**
General-Purpose Combo Filter, ea.	**8883-0932-P1**	**$132.87**
Cleanroom Filter, ea.	**8883-0922-P1**	**$225.57**
Optional Extended Life Filter, ea. - Must Be Used w/8883-0986-P1	**8883-0987-P1**	**$288.92**
High-Capacity Pre-Filter, 10/pack - Must Be Used w/8883-0987-P1	**8883-0986-P10**	**$255.86**
Adhesive Filter, ea.	**8883-0952-P1**	**$180.25**

HAKKO FA-430 Fume Extraction System



FA430-16 Specifications:
- Power consumption: 120 W/ 120 VAC
- Static pressure: 1500 Pa
- Dimensions: 13.0" (W) x 14.4" (H) x 13.5" (D)
- Motor type: brushless
- Noise level: 50 dBA on medium
- Maximum suction capacity: single duct 145 cfm, two ducts 167 cfm

The Hakko FA-430 fume extraction unit is designed for use at soldering stations, extracting the contaminated air directly at the source. Contaminated air is captured from the workplace surrounding the soldering station and is transferred to the FA-430 unit by rigid ducts. Inside the unit are two filters, comprising three stages of filtering that remove contaminants from the air. The purified air is then returned to the area where the FA-430 is located.

Fume Absorber Unit (Duct and Hood Not Included)		
Description	*Part No.*	*Price*
Smoke Absorber Without Duct & Hood	**FA430-16**	**$642.07**
Fume Absorber Kits		
FA-430 Smoke Absorber w/Duct & Round Nozzle	**FA430-KIT2**	**$777.57**
FA-430 Smoke Absorber w/Duct & Rectangular Nozzle	**FA430-KIT1**	**$777.57**
Duct Kits (Required Parts)		
Duct Kit w/Rectangular Nozzle	**C1571**	**$149.07**
Duct Kit w/Round Nozzle	**C1572**	**$149.07**
Replacement Filters		
Pre Filter, 10/Pack	**A1585**	**$18.17**
Main Filter	**A1586**	**$108.97**

METCAL BVX-201 Fume Extraction System (2 Port)

The BVX-200 Series Fume Extraction System can be placed under or next to the benchtop and fitted with either two 2" diameter BVX arms (59" long) or one 2.5" diameter Omniflex arm. This system is designed mainly for solder fumes and incorporates both pre- and main-filters, which can be changed independently.

Features:
- Main filter has a HEPA efficiency of 99.97% at 0.3 micron, and an activated carbon filter to remove additional gases
- Audible alarm informs operators when filters need replacing
- Quiet brushless motor

Specifications:
- Power: 85W
- Sound level: 55 dBA
- Air pressure: 850 Pa (3.5" WC)
- Suction force: 2 x 45 cfm
- Fan capacity: 150cfm


BVX-201-KIT1



BVX-201-KIT

Description	*Part No.*	*Price*
BVX-201 Filter Unit (Pre-HEPA-Gas) w/2 Flexible Arms & Arm Clip	**BVX-201-KIT**	**$806.00**
BVX-201 Filter Unit (Pre-HEPA-Gas) w/2 Flexible Arms, Hose & Table Bracket w/C-Clamps	**BVX-201-KIT1**	**$965.00**
Main Filter (HEPA/Carbon)	**FM-BVX200**	**$102.94**
Pre-Filter (5/Pack)	**FP-BVX200**	**$56.68**
Deep Bed Gas Filter	**FG-BVX200**	**$190.85**

BVX-101 Fume Extraction Systems



The BVX-101 Fume Extraction Systems are powerful with low noise and need no external ducting or compressor. Move these lightweight systems from station to station, plug them in and switch them on for instant fume extraction. The unit easily fits on and under any workbench. Two filtration configurations: heavy soldering and light dust or light duty organic solvent and adhesive applications. Bi-colored LED light indicates when the filters are blocked and require replacing.

Description	*Part No.*	*Price*
Fume Extraction System (Single User Pre-HEPA-Gas)	**BVX-101**	**$550.00**
Fume Extraction System (Single User Pre-Gas)	**BVX-103**	**$550.00**
Main Filter (HEPA/Gas Combo)	**FM-BVX**	**$89.36**
Pre-Filter (5 Pack)	**FP-BVX**	**$29.74**
Under Bench Mounting Bracket	**BVX-BCK**	**$99.36**

Specifications:
- Sound level: 55dB A
- Suction force: 1250 Pa (5" WC)
- Flow rate: 50 cfm
- Fan capacity: 65 cfm
- 85W power

BVX-101 Includes:
- BVX-101 Filter unit with one flexible arm (30")
- Pre/HEPA/Gas Filter

BVX-103 Includes:
- BVX-103 Filter unit with one flexible arm (30")
- Pre/Gas Filter

NITRILE GLOVES, Anti-Static

Gripstrong® Nitrile Gloves, Powder Free



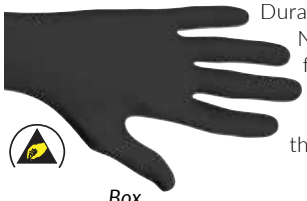
Provides superior gripping capabilities for multi-purpose protection at a great value, all without the risk of latex allergens. Advanced manufacturing technology gives these a softer fit and feel than traditional nitrile gloves, allowing for maximum tactile sensitivity. Ideal for food, safety, janitorial/sanitation, and laboratory markets.

BEST SELLER

Size	Box Qty.	Part No.	Price Per Box
X-Small	100	**NITRILE-XS**	**$8.95**
Small	100	**NITRILE-S**	**$8.95**
Medium	100	**NITRILE-M**	**$8.95**
Large	100	**NITRILE-L**	**$8.95**
X-Large	100	**NITRILE-XL**	**$8.95**

Specifications:
- Synthetic nitrile rubber
- 9" (L)
- 5 mil thick
- Blue
- Beaded cuff
- Textured fingertips
- Ambidextrous

N-DEX® NightHawk® Nitrile Gloves, Powder Free



Durability meets style with the N-DEX 7700PFT, which is free of both natural rubber latex proteins and rubber accelerators, making it one of the world's least allergenic gloves.

Size	Box Qty.	Part No.	Price Per Box
Small	50	**7700PFTS**	**$11.20**
Medium	50	**7700PFTM**	**$11.20**
Large	50	**7700PFTL**	**$11.20**
X-Large	50	**7700PFTXL**	**$11.20**

Specifications:
- 4 mil thick
- 9.5" (L)
- 100% nitrile, accelerator free
- Black
- Rolled cuff
- Textured fingertips

EBT Biodegradable Nitrile Gloves



Eco Best Technology (EBT) is composed of organic materials that accelerate the biodegradation of nitrile in biologically active landfills. 100% biodegradable.

Size	Box Qty.	Part No.	Price Per Box
X-Small	100	**6110PFXS**	**$13.50**
Small	100	**6110PFS**	**$13.50**
Medium	100	**6110PFM**	**$13.50**
Large	100	**6110PFL**	**$13.50**
X-Large	100	**6110PFXL**	**$13.50**

Specifications:
- Embossed grip
- 4 mil thick
- 9.5" (L)
- Nitrile
- Green
- Rolled cuff

Assembly Gloves, Anti-Static

HyFlex® Static Control Foam Assembly Gloves



Manufactured with conductive X-Static™ yarn and a patented foamed nitrile static-dissipative coating. Extremely effective for electronic assembly operations where user hand protection and product protection against static discharge are needed.

Size	Bag Qty.	Part No.	Price Per Bag
X-Small	12 Pair	**11-100-6 XS**	**$98.22**
Small	12 Pair	**11-100-7 SMALL**	**$98.22**
Medium	12 Pair	**11-100-8 MEDIUM**	**$98.22**
Large	12 Pair	**11-100-9 LARGE**	**$98.22**
X-Large	12 Pair	**11-100-10 XL**	**$98.22**

Features:
- Ergonomic
- Nitrile static-dissipative coated palm and fingers

Qualakote ESD Inspection/ Assembly Gloves, Polyurethane Fingertip Coating



Micro-foamed polyurethane fingertip coating for improved dexterity. Spandex cuff. Maximum uncoated area, seamless knit for breathability, comfort.

Size	Pack Qty.	Part No.	Price Per Pack
X-Small	12 Pair	**TDESDNY-XS**	**$29.00**
Small	12 Pair	**TDESDNY-S**	**$29.00**
Medium	12 Pair	**TDESDNY-M**	**$29.00**
Large	12 Pair	**TDESDNY-L**	**$29.00**
X-Large	12 Pair	**TDESDNY-XL**	**$29.00**
XX-Large	12 Pair	**TDESDNY-XXL**	**$29.00**

BEST SELLER

Specifications:
- Nylon + conductive carbon/ nylon yarn
- Uncoated 10E7 ohms, coated, 10E8-9 ohms
- White w/gray

Qualaknit ESD Assembly/Inspection Gloves, Uncoated



Micro-knit fingertips for maximum dexterity. Seamless comfort. Uncoated glove for maximum breathability, lowest resistance.

BEST SELLER

Size	Pack Qty.	Part No.	Price Per Pack
Small	12 Pair	**KAS-S**	**$22.00**
Medium	12 Pair	**KAS-M**	**$22.00**
Large	12 Pair	**KAS-L**	**$22.00**
X-Large	12 Pair	**KAS-XL**	**$22.00**

Specifications:
- Nylon + conductive carbon/ nylon yarn
- Uncoated glove
- 10E6-7 ohms
- White w/gray

ESD Nylon Assembly Gloves, Palm Dip



Micro-foamed polyurethane palm coating for excellent grip. Uncoated back, seamless knit, for breathability, comfort.

Size	Pack Qty.	Part No.	Price Per Pack
Small	12 Pair	**PDESDNY-S**	**$33.00**
Medium	12 Pair	**PDESDNY-M**	**$33.00**
Large	12 Pair	**PDESDNY-L**	**$33.00**
X-Large	12 Pair	**PDESDNY-XL**	**$33.00**
XX-Large	12 Pair	**PDESDNY-XXL**	**$33.00**

BEST SELLER

Specifications:
- Nylon + conductive carbon/ nylon yarn
- Uncoated back
- Uncoated 10E7 ohms, coated 10E8-9 ohms
- White

Plywood & Wood Handle Brushes

3-Row Plywood Handle Brushes

All-purpose toothbrush-style, bent for knuckle protection. Trim: 7/16". Rows: 3x7. Handle length: 7-3/4" x 7/16".

Fill Material	Part No.	Price
.006 Brass	**758CH023**	**$2.26**
Horse hair	**758PR300**	**$2.26**
Hog bristle	**758CH300**	**$2.88**
.018 Nylon	**415CH930**	**$2.26**
.006 Stainless	**415CH935**	**$2.26**



4-Row Plywood Handle Brushes

A larger brush with a plywood handle and a bristle material for any surface. Works well for cleaning or roughing. Trim: 3/4". Rows: 4x9. Handle length: 8-1/4" x 1-1/16".

Fill Material	Part No.	Price
Hog bristle	**758PR366**	**$14.02**
Horse hair	**758PR360**	**$14.02**
.008 Brass	**415CH036**	**$17.60**



ESD Heavy Duty Brush

Heavy duty scrubber and duster with hog bristles that works well when cleaning sticky or viscous fluids. Specs: hardwood handle, bristle pattern: 2 x 6; bristle trim: 1/2"; face: 7/8"W x 3/8"L; 5-1/2" OAL. (USA)

Material	Part No.	Price
Hog Hair	**758PR121**	**$5.52**
Horse Hair	**758CH120**	**$5.52**
Nylon	**758CH127**	**$3.92**





Conductive Brush

Nylon/carbon-fused bristles for cleaning rosin-based fluxes & solder paste residues. Bristles are $10^3\Omega$/sq. and conductive. Angled handle is static-dissipative $10^8\Omega$/sq. 5-3/4" OAL. (USA)

Material	Part No.	Price
Nylon/Carbon-Fused	**758ST187**	**$8.22**



Bristle Cleaning Brushes

Three 1-3/4" rows, 7/16" nylon filament. 6" (OAL). (USA)

Material	Part No.	Price
Nylon	**758CH022**	**$7.10**

Applicator & Cleaning Brushes

Technical Cleaning Brushes



Heavy duty metal handle, double-ended cleaning brush. Bristles are fine, anti-static horsehair. Side A: 1/4" flat trim. Side B: 3/16". Chisel trim. 3/8" diameter handle, 4-1/2" OAL. (USA)

BEST SELLER

Material	Part No.	Price
Nylon	**758CH032**	**$8.78**

Acid Brushes



Size	Box Qty.	Part No.	Price Per Box
1/2" x 6"	144	**872SO014**	**18.39**
3/8" x 6"	144	**872SO012**	**17.80**
1/4" x 6"	144	**872SO010**	**16.00**

Handles are heavy-grade tin plate. 3/4" Horsehair bristles. (USA)

Double-Ended Applicator Brushes

Two sizes. One side has a short flat end and the other side an extra-stiff chiseled end. A great alternative to hand-trimming acid brushes.



Static	Fill Material	Trim	Handle (L x Dia.)	Part No.	Price
Anti-Static	Hog bristle	1/4" taper, 1/2" flat	4-1/2" x 3/16"	**758CH122**	**$10.58**
Anti-Static	Horse hair	1/4" taper, 1/2" flat	4-1/2" x 3/16"	**758CH005**	**$10.06**
Static Dissipative	.010 Statigo9	3/16" taper, 1/4" flat	4-1/2" x 3/8"	**758CH1010**	**$9.66**

Applicator Brushes - Stainless Handle

Stainless-steel handle for excellent chemical resistance.

Static	Fill Material	Trim	Handle (L x Dia.)	Part No.	Price
Anti-Static	Goat hair	1/8"	3-1/2" x 1/8"	**415CH299**	**$8.60**
Static Dissipative	.010 Statigo9	1/8"	3-1/2" x 1/8"	**758CH209**	**$9.36**
Static Dissipative	.010 Statigo9	5/16"	4-3/4" x 3/16"	**758CH609**	**$10.02**
Static Dissipative	.016 Nylon	1/8"	3-1/2" x 1/8"	**758CH231**	**$11.48**
Static Dissipative	.016 Nylon	5/16"	4-3/4" x 3/16"	**758CH615**	**$12.93**



Dissipative Brushes - Nylon

Bristle material is a static-dissipative 0.016 nylon that is stiffer than Statigo. Surface resistivity of 10^9. (USA)



Double-ended, for heavy duty scrubbing and reaching tight corners. Stainless-steel handle, 4-1/2" OAL, 3/16" dia., bristle trim 1/4" tapered end, 1/2" flat end, stiffness like hog bristle. (USA)



Zinc-plated steel handle, 4-1/2" OAL, 3/8" dia., bristle trim 3/16" tapered end, 1/4" flat end, stiffness like hog bristle. (USA)

Handle	Part No.	Price
Double-Ended, Stainless-Steel	**758CH1005**	**$11.64**
Zinc-Plated Steel	**758CH0010**	**$9.66**

Metal Bristle Solder Brushes

Stainless-steel bristles. 2-1/2" long. 10/Pk. (USA)

Material	Part No.	Price
Stainless-Steel	**480SO020**	**$15.20**



Scratch Brushes

EXCELTA CORPORATION

352CH266



Retractable and refillable with plastic handle. Ideal for pre-solder, contact cleaning, and more. 3/8" round brush, 1/8" diameter, 4-3/4" OAL.

Material	Part No.	Price
Steel	**266**	**$12.62**
Fiberglass	**267**	**$9.99**
Nylon	**268**	**$10.27**
Brass	**265**	**$12.43**

Techni-Stat

Pump-top bottles are perfect when contamination is a concern. Made for clean environments. One-handed operation. Made of molded polyethylene, which doesn't react with such solvents such as TCE or alcohol. (USA)



One-Touch Lid



Pure-Touch Lid

Two pump varieties to suit your needs:

- Stainless-steel One-Touch Pump has an airtight valve
- Pure-Touch Pump protects contents from cross contamination by keeping fluid from returning to dispenser

ESD Solvent Bottles

Specifications:

- Resistance: 1 x 10^9 to 1x10^{10}Ω/sq.
- Static decay: 5000V in <2 sec. @ 10% R.H.

BEST SELLER

Solvent Bottle, No Lid

Size	Part No.	Price
6 oz.	**758ST0006**	**$4.60**

One-Touch Bottle

4 oz.	**758ST447**	**$16.56**
6 oz.	**758ST448**	**$16.56**
8 oz.	**758ST449**	**$16.56**

Pure-Touch Bottle

4 oz.	**758ST444**	**$19.52**
6 oz.	**758ST445**	**$19.52**
8 oz.	**758ST446**	**$19.52**



PLATO Needle Flux Dispensers

Dispense precise amounts of liquid without dripping, spilling, or waste. Features a no-leak design. Meets ANSI (J-STD-001B). Two needle sizes are available: 0.01" needle is ideal for low viscosity no-clean and water soluble fluxes and 0.02" needle is ideal for higher viscosity rosin fluxes.



Description	Size	Part No.	Price
0.02 Needle	2 oz.	**FD-2**	**$4.68**
0.01 Needle	2 oz.	**FD-21**	**$4.68**
Anti-Static, 0.01 Needle	2 oz.	**SF-01**	**$9.70**
Anti-Static, 0.02 Needle	2 oz.	**SF-02**	**$9.70**

MENDA One-Touch Amber Glass Bottle

This dark glass bottle protects light- and plastic-sensitive fluids. Allows storage of fluids not compatible with plastic. Features a one-touch pump. Dispenses approximately 0.2cc of liquid with each pump. Ideal for use with hand sanitizer.

Size	Part No.	Price
4 oz.	**35315**	**$20.96**



R&R Lotion Static-Dissipative Bottles

R&R Lotion has developed a new process of molding polyethylene bottles utilizing a concentrate that does not contain any Exthoxylated Tertiary Amine, which is widely used as an antistatic agent. These ESD-safe bottles have an average surface resistivity of 10^9 to 10^10Ω/square and do not have any less desirable features associated with surfactant laden material. These bottles will dissipate a static charge of ±5000V in less than two seconds. By their chemical nature, they will not have any chemical reactivity with solvents such as TCE or alcohol. No color change or any other physical change was noted for any solvents tested.

Anti-Static Water Bottles

	Size	Part No.	Price
A	8 oz.	**WB-8-ESD**	**$8.28**
	16 oz.	**WB-16-ESD**	**$9.18**
B	**Anti-Static Sports Bottle**		
	32 oz.	**SB-32-ESD**	**$12.51**
	Anti-Static Spray Bottles		
C	16 oz.	**SCB-16-ESD**	**$12.51**
	32 oz.	**SCB-32-ESD**	**$12.51**
	Anti-Static Wash Bottles		
D	8 oz.	**WHB-8-ESD**	**$11.32**
	16 oz.	**WHB-16-ESD**	**$13.27**
	Anti-Static Spray Mister Bottles		
E	2 oz.	**SMB-2-ESD**	**$7.18**
	8 oz.	**SMB-8-ESD**	**$8.97**
	16 oz.	**SMB-16-ESD**	**$10.99**
F	**Anti-Static Catch-All Container**		
	16 oz.	**CTAL-ESD**	**$7.27**



Anti-Static Flux Dispensers

	Description	Part No.	Price
G	Dispenser With 26 ga. Needle Tip	**FD-1-ESD**	**$8.03**
	Flux Dispenser With 20 ga. Needle Tip	**FD-2-ESD**	**$8.03**
	Dispenser With 16 ga. Needle Tip	**FD-3-ESD**	**$8.03**
H	Dispenser With Pen Tip	**FD-PEN-ESD**	**$7.77**
	5 Replaceable Pen Tips	**FD-PEN-TIP**	**$4.23**



TEXWIPE Wipers



Texwipe offers a variety wipes to meet the strict requirments of pharmaceutical, bio-medical, and medical device, semiconductor & microelectronics, healthcare, aerospace, aviation & defense, laboratory, food, print, and automotive industries.

Type	Line	Features	Size	Quantity	Part No.	Price
Critical environment wipers with minimal fiber release.	AlphaWipe®	Polyester double-knit microdenier prevents scratching.	9" x 9"	2 inner bags of 75 wipers (150 wipers/total)	**TX1009**	**$38.51**
	AlphaWipe®	Premium all-purpose polyester.	9" x 9"	Bulk pack of 2 inner bags of 75 wipers (150 wipers/total)	**TX1009B**	**$30.67**
	MiracleWipe®	Double-knit nylon great for use with alkaline cleaners.	4" x 4"	600 wipers/bag	**TX4004**	**$120.98**
			9" x 9"	3 inner bags of 50 wipers (150 wipers/total)	**TX4009**	**$91.90**
Blended wipers that combine the high sorption of cellulose with the cleanliness and strength of polyester.	TechniCloth®	General-purpose wipe. Lowest level of releasable ions and non-volatile contaminants.	4" x 4"	1200/Bag	**TX604**	**$26.84**
			6" x 6"	600/Bag	**TX606**	**$26.84**
			9" x 9"	300/bag	**TX609**	**$18.03**
			12" x 12"	150/bag	**TX612**	**$18.42**
	VersaWipe®	Lighter weight wipe ideal for aqueous-spill cleanup.	9" x 9"	300/bag	**TX629**	**$16.52**
Soft-textured wipers ideal for cleaning and handling delicate optical-grade components.	Absorbond®	Highly absorbent, non-abrasive, low-contamination hydroentangled polyester.	4" x 4"	4 inner bags of 300 wipers (1200 wipers/total)	**TX404**	**$57.58**
			9" x 9"	300 wipers/bag; 10 bags/case (3000 wipers/total)	**TX409**	**$506.80**
Soft, strong, static-dissipative cotton wipers.	TexWipe®	Excellent for applications where ESD concerns or high temperature prevent the use of synthetic wipers.	4" x 4"	4 inner bags of 300 wipers (1200 wipers/total)	**TX304**	**$106.27**
			6" x 6"	2 inner bags of 300 wipers (600 wipers/total)	**TX306**	**$97.65**
			9" x 9"	300 wipers/bag; 10 bags/case (3000 wipers/total)	**TX309**	**$566.52**
			12" x 12"	150 wipers/bag	**TX312**	**$102.50**

Swabs

Techni-Tool Techni-Stat TECHSPRAY Chemtronics COVENTRY

ESD Swabs

Swabs feature static-dissipative foam heads and/or static-dissipative plastic handles. Low particulates, low-linting.

ESD Swabs

Brand	Swab Lgth	Head L x W	Head Material	Handle	Pack	Part No	Price Per Pack
Techni-Stat	2.7"	.40" x tapered	Static-Dissipative Foam	Static-Dissipative Plastic	50	**758CH126**	**$11.34**
Chemtronics	2.8"	.40" x .13"	Foam		500	**41050ESD**	**$126.46**
Chemtronics	3.2"	.39" x .11"	Foam		500	**44070ESD**	**$126.87**
Chemtronics	5.8"	.75" x .19"	Polyester		500	**36060ESD**	**$205.50**
Techni-Stat	6'	.56" x .24"	Microfiber		100	**758CH506**	**$37.50**
Techni-Stat	6'	.62" x .15"	Static-Dissipative Foam	Wood	50	**758CH186**	**$13.05**
TechSpray	6"	.66" x .25"	Foam	Static-Dissipative Plastic	50	**2303-50**	**$27.53**
Techni-Stat	6'	.81" x .19"	Static-Dissipative Foam		50	**758CH608**	**$12.42**

Cotton Tip Applicators

High-quality, USP-grade cotton fiber tips. Ideal for applying adhesives, cleaning with solvents, or removing fluxes or resins. Wood handles.

Cotton Tip Applicators

Brand	Swab Lgth	Head Dia. x W	Features	Pack	Part No	Price Per Pack
Chemtronics	3"	.47" x .12"	Arrow shape, low linting	25	**CCT2425**	**$1.88**
Techni-Tool	3"	.62" x .19"	Cotton tip	1,000	**758CH010**	**$17.16**
Techni-Tool	3"	.62" x .15"	Small tip	100	**758CH833**	**$2.04**
Techni-Tool	6"	.62" x .19"	Tip on each end	100	**758CH200**	**$2.68**
Techni-Tool	6"	.62" x .19"	Tear resistant	100	**758CH5000**	**$20.48**
Techni-Tool	6"	.68" x .5	Large tip	100	**758CH807**	**$9.97**

Tapes

Techni-Stat SHERCON 3M

Low-Static Polyimide Film with Silicone Adhesive Tapes

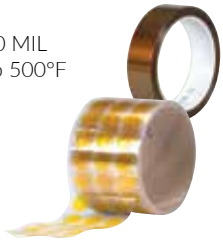


Specifications:
- Film Thickness: 1.0 MIL
- Dielectric Strength: 7000V
- Insulation Class: <1 x $10^6\Omega$
- Core: 3"
- Length: 36 yds.

	Techni-Stat		Shercon #24		3M 5419	
	Adhesive Thk: 1.6 mil Total Thk: 2.6 mil Temp. Range: -40 to 365°F Tensile Strength: 32 lbs/in Color: Amber		Adhesive Thk: 1.6 mil Total Thk: 2.6 mil Temp. Range: -100 to 500°F Tensile Strength: 32 lbs/in Color: Gold		Adhesive Thk: 1.7 mil Total Thk: 2.7 mil Temp. Range: 100 to 500°F Tensile Strength: 32 lbs/in Color: Gold	
Size	*Part No.*	*Price*	*Part No.*	*Price*	*Part No.*	*Price*
1/8"	**758ST888**	**$5.67**	**24-0125**	**$8.42**	**–**	**–**
1/4"	**758ST1643**	**$11.33**	**24-0250**	**$16.14**	**5419-1/4**	**$21.65**
3/8"	**758ST138**	**$15.45**	**24-0375**	**$20.41**	**5419-3/8**	**$29.94**
1/2"	**758ST3561**	**$22.66**	**24-0500**	**$29.59**	**5419-1/2**	**$48.05**
5/8"	**758ST158**	**$28.84**	**24-0625**	**$38.00**	**–**	**–**
3/4"	**758ST3361**	**$36.05**	**24-0750**	**$42.83**	**5419-3/4**	**$61.25**
7/8"	**758ST778**	**$44.29**	**24-0875**	**$48.00**	**5419-7/8**	**$71.38**
1"	**758ST3161**	**$48.65**	**24-1000**	**$59.97**	**5419-1**	**$81.66**
2"	**758ST3261**	**$107.93**	**–**	**–**	**–**	**–**

Polyimide Film with Silicone Adhesive Tapes and Dots

Specifications:
- Film Thickness: 1.0 MIL
- Temp Range: up to 500°F
- Insulation: 180°C
- Color: Amber
- Core: 3"
- Length: 36 yds.



Techni-Stat Kapton® Dots			
Size	*Qty.*	*Part No.*	*Price*
1/4"	2,000/Roll	**758ST95164**	**$25.48**
5/16"	2,000/Roll	**758ST5516**	**$35.73**
3/8"	2,000/Roll	**758ST9380**	**$48.60**
1/2"	2,000/Roll	**758ST5012**	**$59.10**
3/4"	1,000/Roll	**758ST9340**	**$64.87**

	Techni-Stat		Shercon #22		3M 5413	
	Adhesive Thk: 1.5 mil Total Thk: 2.5 mil Adhesion to Steel: 21 oz/in Tensile Strength: 22 lbs/in Dielectric Strength: 6500V		Adhesive Thk: 1.5 mil Total Thk: 2.5 mil Adhesion to Steel: 18 oz/in Tensile Strength: 30 lbs/in Dielectric Strength: 7500V		Adhesive Thk: 1.7 mil Total Thk: 2.7 mil Adhesion to Steel: 22 oz/in Tensile Strength: 33 lbs/in Dielectric Strength: 7000V	
Size	*Part No.*	*Price*	*Part No.*	*Price*	*Part No.*	*Price*
1/4"	**758ST0250**	**$4.89**	**22-0250**	**$5.25**	**5413-1/4**	**$19.01**
3/8"	**758ST0375**	**$7.34**	**22-0375**	**$8.50**	**5413-3/8**	**$29.98**
1/2"	**758ST0500**	**$9.79**	**22-0500**	**$10.50**	**5413-1/2**	**$39.98**
3/4"	**758ST0750**	**$14.68**	**22-0750**	**$15.75**	**5413-3/4**	**$60.00**
1"	**758ST1101**	**$35.90**	**22-1000**	**$25.95**	**5413-1**	**$88.13**
2"	**758ST0220**	**$38.53**	**–**	**–**	**–**	**–**

Circuit Board Fabrication Tapes

Green polyester/S/R blend tape for circuit board fabrication and silicone plating. (USA)

Specifications:
- Temp. Range: 40°-170°F.
- Length: 72 yd roll.
- Thickness: 3.1 MIL.

3M 851		
Size	*Part No.*	*Price*
1"	**851-1**	**$28.93**



Polyimide Film with Acrylic Adhesive Tapes



Specifications:
- Film Thickness: 1.0 MIL
- Tensile Strength: 30 lbs/in
- Insulation Class: $10^6\Omega$
- Color: Amber
- Core: 3"
- Length: 36 yds.

	Techni-Stat		3M 1205	
	Adhesive Thk: 1.5 mil Total Thk: 2.5 mil Temp. Range: Up to 500°F Adhesion to Steel: 25 oz/in Dielectric Strength: 6000V		Adhesive Thk: 2.0 mil Total Thk: 3.0 mil Temp. Range: Up to 311°F Adhesion to Steel: 35 oz/in Dielectric Strength: 7500V	
Size	*Part No.*	*Price*	*Part No.*	*Price*
3/8"	**–**	**–**	**1205-3/8**	**$17.83**
1/2"	**758ST1522**	**$7.43**	**1205-1/2**	**$26.92**
3/4"	**758ST1534**	**$11.15**	**1205-3/4**	**$40.67**
1"	**758ST1501**	**$22.32**	**1205-1**	**$60.62**

High-Temperature Kapton® Polyimide Film with Silicone Adhesive Tapes



Specifications:
- Adhesion to Steel: 25 oz/in.
- Insulation Class: <1 x $10^6\Omega$
- Color: Amber
- Core: 3"
- Length: 36 yds.

	Techni-Stat		3M 92	
	Film Thk: 2.0 Mil Adhesive Thk: 1.5 mil Total Thk: 3.5 mil Temp. Range: Up to 500°F Tensile Strength: 50 lbs/in Dielectric Strength: 11000V		Film Thk: 1.0 Mil Adhesive Thk: 2.0 mil Total Thk: 3.0 mil Temp. Range: Up to 355°F Tensile Strength:30 lbs/in Dielectric Strength: 7500V	
Size	*Part No.*	*Price*	*Part No.*	*Price*
1/4"	**758ST9514**	**$7.88**	**–**	**–**
3/8"	**758ST9538**	**$10.24**	**–**	**–**
1/2"	**758ST9512**	**$14.55**	**92-1/2**	**$26.21**
3/4"	**758ST9534**	**$22.57**	**92-3/4**	**$39.30**
1"	**758ST9501**	**$27.32**	**92-1**	**$52.41**

High-Temperature Polyester Film with Silicone Adhesive Tapes



Specifications:
- Backing: Polyester
- Color: Blue
- Core: 3"; Length: 72 yds.
- Film Thickness: 1.0 Mil
- Adhesive Thickness: 2.0 Mil
- Total Thickness: 3.0 Mil
- Temp. Range: -60 to 400°F
- Adhesion to steel: 20 oz/in
- Tensile strength: 50 lbs/in.

Shercon PC90		
Size	*Part No.*	*Price*
1/4"	**PC90-0250**	**$6.75**
1/2"	**PC90-0500**	**$6.75**
3/4"	**PC90-0750**	**$10.00**
1"	**PC90-1000**	**$9.17**

BRADY Label Printers

i3300 Industrial Label Printer with Wi-Fi

Get your ideal label printing scenario with the BradyPrinter i3300 Industrial Label printer. This mid-volume industrial label printer is ideal for identification throughout your facility, including everything from wires and panels to safety and facility labels. Print smart technology allows the printer to print on the first label – even sleeves and small labels – without throwing out blank labels. Foolproof drop-in label rolls and ribbons snap into place for 20-second material changeovers. This printer prints on more than 825 parts and 70 material options for facility-wide identification.

Specifications:
- Max. Tape Width: 4.25"
- Display Size: 3.5"
- Max. Labels per Day: 3,000
- Compatible with: Workstation Software

Kit Includes:
- Brady WorkStation Basic Design Suite
- Cleaning Kit
- Cutter Cleaning Tool
- i3300 Printer Wi-Fi version
- Power Cord
- Product CD with User Manual
- Quick-Start Guide
- USB cable

Description	*Part No.*	*Price*
i3300 Industrial Label Printer	**149552**	**$1,399**



BMP®41 Label Printer Kit

New mid-range 300 DPI portable label printer for labeling anywhere and any time you need it! This rugged, drop-tested printer gives you the versatility to create die-cut or continuous labels up to 1" wide. A QWERTY keypad, graphics library, hot keys and access menu make creating labels for any application a snap. Large LCD back-light display gives you clear visibility, and "what you see is what you get" functionality means you see exactly what you're printing to avoid mistakes and re-prints. Also features rubber bumpers and grab-and-go grip for ergonomic, solid handling and smart-cell detection for automatic label set up.

Kit Includes:
- Long-life rechargeable battery pack
- MC1-1000-595-WT-BK cartridge
- USB cable AC adapter
- Product CD
- Brady printer drivers CD
- Quick-start Guide

Description	*Part No.*	*Price*
BMP®41 Printer	**BMP41**	**$299.00**



Specifications:
- Max. Tape Width: 1"
- Display Size: 2.6"
- Max. Labels per Day: 250
- Compatible with: LabelMark Software

BMP®51 Label Printer

Ideal for data communications and audio/visual labeling, this portable thermal transfer printer has the features you need to get the job done faster, easier, and with confidence. Even changing materials is simple; just drop in the cartridge and the printer will calibrate the rest. Rugged design for harsh environments and extreme temperatures. QWERTY keyboard contains letters A to Z, numbers 0 to 9, and backlit LCD graphics display for easier labeling even in low-lit areas. Continuous and die-cut label materials, built-in Bluetooth or optional wi-fi card for wireless connectivity with three power options: AA batteries, AC adaptor or rechargeable Li-Ion battery.

Specifications:
- Max. Tape Width: 1.5"
- Display Size: 3.2"
- Max. Labels per Day: 500
- Compatible with: LabelMark, Workstation and CodeSoft Software

Description	*Part No.*	*Price*
BMP®51 Printer	**BMP51**	**$399.00**



Kit Includes:
- Rechargeable Li-ion battery
- AC adapter/charger
- Hard carrying case, battery tray for AA batteries
- USB cable
- Drivers CD
- Product CD
- Quick-start guide
- (1) MC-1500-595-WT-BK label cartridge

BMP®71 Label Printer

Combines a portable and thermal transfer printer in one. Versatile enough to print both 1/4" self-laminating wire marker labels or 2" wide vinyl pipe marker labels. Label design wizards make fast work for electrical, voice/data comm and safety/general labels. Also includes storage space for over 100,000 label files. Prints 1.5" labels per second. Hundreds of symbols, reverse printing, multiple font sizes, subscripts, frame, mirror print, vertical printing, underline, time/date stamps, barcodes, sequences.

Kit Includes:
- Charger/AC Adapter
- Hard Case

Description	*Part No.*	*Price*
BMP®71 Printer	**BMP71**	**$895.00**



Specifications:
- Max. Tape Width: 2"
- Display Size: 3.5"
- Max. Labels per Day: 1,000
- Compatible with: LabelMark, Workstation and MarkWare Software

BBP®72 Double-Sided Printer

Save time and reduce labeling errors with this double-sided printer, ideal for creating two-sided heat shrink sleeve labels. Designed with two print heads, this heat shrink tubing printer can print on both the top and bottom of the sleeves simultaneously, eliminating the need for a second process. Print registration is fast and easy when changing media types to ensure sharp, professional printing on every job.

Kit Includes:
- CD Rom
- Power Cable

Specifications:
- Max. Tape Width: 4"
- Max. Labels per Day: 7,000
- Compatible with: LabelMark and CodeSoft Software

Description	*Part No.*	*Price*
BBP®72 Printer	**BBP72-34L**	**$9,979.00**



LEAD-FREE SOLDER WIRE

Solder pricing changes frequently due to fluctuations in the metals market. Please visit www.Techni-Tool.com or call 1.800.832.4866 for the latest prices.

Core Size & Wire Diameter Guide

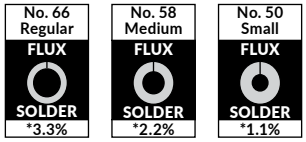
Standard Wire Diameters

Inch	*Metric, mm*	*Wire Ga.*	*Inch*	*Metric, mm*	*Wire Ga.*
0.010"	0.25	30	0.040"	1.00	18
0.015"	0.40	27	0.050"	1.30	16
0.020"	0.50	24	0.062"	1.50	14
0.025"	0.64	22	0.093"	2.50	11
0.031"	0.80	20	0.125"	3.20	8

RoHS COMPLIANT

All wire solders on this page are RoHS Compliant.

Standard Flux-Core Sizes



***Average weight percentage for lead-free alloy. Average weight percentage will vary slightly depending on the density of alloy.**

No-Clean 268



Zero-halogen wire optimized for robotic soldering applications. 268 provides consistent workability performance for both robotic and manual soldering in the electronics industry, with performance equivalent to conventional halogen/halide-based systems. 268 provides a clean release, which prevents bridges and protrusions. The use of 268 results in a clear post-soldering residue without the need for cleaning. Classified as ROL0 flux under J-STD-004B. ***Sold in 500 gram robotic spools.***

NEW

SAC305 Alloy Sn96.5Ag3.0Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.010"	3.3%	**SAC30526866-010***
0.015"	3.3%	**SAC30526866-015***
0.020"	3.3%	**SAC30526866-020***
0.025"	3.3%	**SAC30526866-025***
0.031"	3.3%	**SAC30526866-031***
0.040"	3.3%	**SAC30526866-040***
K100LD Alloy Sn99.3Cu0.5		
0.010"	3.3%	**K100LD26866-010***
0.015"	3.3%	**K100LD26866-015***
0.020"	3.3%	**K100LD26866-020***
0.025"	3.3%	**K100LD26866-025***
0.031"	3.3%	**K100LD26866-031***
0.040"	3.3%	**K100LD26866-040***

***Part numbers** *ending in an asterisk (*) require a minimum order. Call for details.*

No-Clean 275



Developed to provide superior wetting performance for hand soldering in the electronics industry. The chemistry is based on some of the same principles that have been safely used for years in mildly activated rosin fluxes. Designed to result in an extremely clear post-soldering residue without cleaning as well as to reduce spattering common to most core fluxes. Classified as ROL0 per J-STD-004. ***Sold in 1-lb. spools.***

BEST SELLER

SAC305 Alloy Sn96.5Ag3.0Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.010"	2.2%	**SAC30527558-010**
0.015"	2.2%	**SAC30527558-015**
0.020"	2.2%	**SAC30527558-020**
0.025"	2.2%	**SAC30527558-025**
0.031"	2.2%	**SAC30527558-031**
0.050"	2.2%	**SAC30527558-050**
0.062"	2.2%	**SAC30527558-062**
K100LD Alloy Sn99.3Cu0.7		
0.010"	3.3%	**K100LD27566-010**
0.015"	3.3%	**K100LD27566-015**
0.020"	3.3%	**K100LD27566-020**
0.025"	3.3%	**K100LD27566-025**
0.031"	3.3%	**K100LD27566-031**
0.050"	3.3%	**K100LD27566-050**
0.062"	3.3%	**K100LD27566-062**

Water-Soluble 331



Water-soluble formula for use in flux-cored solder wire. This cored solder version of the popular 2331-ZX Neutral Organic Water Soluble Liquid Flux is more effective than rosin fluxes in soldering difficult metals. The flux is more heat stable than most organic fluxes, resulting in minimal smoke and odor. The residue can be completely removed with a simple heated water rinse. Classified as ORH1 per J-STD-004. ***Sold in 1-lb. spools.***

BEST SELLER

SAC305 Alloy Sn96.5Ag3.0Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.015"	3.3%	**SAC30533166-015**
0.020"	3.3%	**SAC30533166-020**
0.025"	3.3%	**SAC30533166-025**
0.031"	3.3%	**SAC30533166-031**
0.050"	3.3%	**SAC30533166-050***
0.062"	3.3%	**SAC30533166-062**
K100LD Alloy Sn99.3Cu0.7		
0.015"	3.3%	**K100LD33166-015**
0.020"	3.3%	**K100LD33166-020**
0.025"	3.3%	**K100LD33166-025**
0.031"	3.3%	**K100LD33166-031**
0.050"	3.3%	**K100LD33166-050***
0.062"	3.3%	**K100LD33166-062***

***Part numbers** *ending in an asterisk (*) require a minimum order. Call for details.*

Activated Rosin 48



48 Activated Rosin Flux for cored solder wire was developed for lead-free applications to enable soldering of the most common metals. 48 has performance characteristics far exceeding standard RA fluxes. It builds on the performance of its predecessor 44 with "instant-action" wetting to provide fast and reliable solder joints. Low spattering. Classified as ROM1 per J-STD-004. ***Sold in 1-lb. spools.***

BEST SELLER

SAC305 Alloy Sn96.5Ag3.0Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.015"	3.3%	**SAC3054866-015***
0.020"	3.3%	**SAC3054866-020**
0.025"	3.3%	**SAC3054866-025**
0.031"	3.3%	**SAC3054866-031**
0.050"	3.3%	**SAC3054866-050***
0.062"	3.3%	**SAC3054866-062**
K100LD Alloy Sn99.3Cu0.7		
0.015"	3.3%	**K100LD4866-015**
0.020"	3.3%	**K100LD4866-020**
0.025"	3.3%	**K100LD4866-025**
0.031"	3.3%	**K100LD4866-031**
0.050"	3.3%	**K100LD4866-050**
0.062"	3.3%	**K100LD4866-062**

***Part numbers** *ending in an asterisk (*) require a minimum order. Call for details.*

LEAD-FREE SOLDER PASTE

kester

Solder pricing changes frequently due to fluctuations in the metals market. Please visit www.Techni-Tool.com or call 1.800.832.4866 for the latest prices.





RoHS COMPLIANT

Kester offers a complete line of solder paste to fit the needs of the electronic assembly market.

Product Characteristics	*Classification*	*Typical Metal % & Mesh Size*	*Part No. Size*
NP545. No-Clean, Zero-Halogen. Stencil Printing. Sn96.5Ag3.0Cu0.5			
Designed for consistency and repeatability. NP545 is extremely stable and has an **unrefrigerated shelf life of 12 months** with no print or solderability degradation. NP545 consistently delivers paste transfer efficiencies of 0.55 to 0.5AR. The paste is also fully capable of printing and reflowing 01005 components, even in air reflow, with minimal graping behavior. **Zero-halogen**, lead-free, no-clean solder paste formula. Low QFN/BGA voiding. Reflowable in air and nitrogen. Excellent cosmetics & clear residue.	ROL0 per IPC J-STD-004B.	88.5% (Type 3)	**SAC305NP545T3-500G** 500g Jar
			SAC305NP545T3-600G 600g Cartridge
		88.3% (Type 4)	**SAC305NP545T4-500G** 500g Jar
			SAC305NP545T4-600G 600g Cartridge
NXG1. No-Clean. Stencil Printing. Sn96.5Ag3.0Cu0.5			
Engineered for the high thermal demands of assembling with lead-free alloys. Joints are cosmetically bright as SnPb joints. Prints down to 0201 pad sites. Designed to be reflowable in air as well as nitrogen. Eight-month shelf life. ANSI/J-STD-005 compliant. Light-colored residue.	ANSI/J-STD-005 compliant. ROL1 per IPC ANSI/J-STD-004B.	88.5%, -325/+500 (Type 3)	**SAC305NXG1-500G** 500g Jar
			SAC305NXG1-600G 600g Cartridge
EM 907. No-Clean. Stencil Printing. Sn96.5Ag3.0Cu0.5			
First-generation solder paste engineered for the high thermal demands of assembling with lead-free alloys. Joints are cosmetically bright as SnPb joints. Prints down to 0201 pad sites. Designed to be reflowable in air as well as nitrogen. Light-colored residue.	ROL0 per J-STD-004.	88.5%, -325/+500 (Type 3)	**SAC305EM907500G** 500g Jar
			SAC305EM907600G 600g Cartridge
NP505-HR. No-Clean, Zero-Halogen. Stencil Printing. Sn96.5Ag3.0Cu0.5			
Developed specifically for high-reliability applications. Fully capable of printing and reflowing 01005 components, even in air reflow, with minimal graping behavior. Offers minimized defects, including head-in-pillow and QFN/BGA voiding. Consistent print performance to 0.55AR. **Zero-halogen**. Reliable residues even in harsh damp cycling SIR testing.	ROL0 per IPC J-STD-004B.	88.5%, -400/+500 (Type 4)	**SAC305NP505HRT4-500G** 500g Jar
			SAC305NP505HRT4-600G 600g Cartridge
NP560. No-Clean, Zero-Halogen. Stencil Printing. Sn96.5Ag3.0Cu0.5 NEW			
Consistently delivers paste transfer efficiencies of 0.50 to 0.55 AR and is fully capable of printing and reflowing 01005 components, even in air, with minimal graping behavior. In addition to its stable, consistent product performance, NP560 has redefined the voiding standard for PCB assembly and has the potential for low voiding performance. **Zero-halogen**.	ROL0 per IPC J-STD-004B.	88.3% (Type 4)	**SAC305NP560T4-500G** 500g Jar
			SAC305NP560T4-600G 600g Cartridge
EM™ 828. Water-Soluble. Stencil Printing. Sn96.5Ag3.0Cu0.5			
Provides excellent printability, activity, cleanability and low-voiding behavior. Very robust and can tolerate a wide variety of printing and reflow conditions. State-of-the-art water-soluble, lead-free paste that combines superior activity, cleanability and low-voiding. Cleanable in warm water.	IPC/J-STD-004A Flux Designator ORH1.	89.5%, -325/+500 (Type 3)	**SAC305EM828500G** 500g Jar
			SAC305EM828500C 500g Cartridge
WP616. Water-Soluble, Zero-Halogen. Stencil Printing. Sn96.5Ag3.0Cu0.5 NEW			
Zero-halogen, lead-free, water-soluble solder paste formula for both nitrogen and air reflow applications. Provides a combination of consistent print performance at wide humidity levels, excellent solderability and ease of cleaning, while maintaining a zero-halogen flux formulation. Stable water-soluble formula, providing consistent stencil life, tack time and print definition. Cleanable in warm water.	ORM0 flux per IPC J-STD-004B.	88.8% (Type 4)	**SAC305WP616T4-500G*** 500g Jar
			SAC305WP616T4-600C* 600g Cartridge

***Part numbers** *ending in an asterisk (*) require a minimum order. Call for details.*

Lead-Free Ultrapure® Bar Solder



RoHS COMPLIANT

SAC305 Alloy Sn96.5Ag3Cu0.5

Manufactured by a special process that controls the inclusions of oxides and metallic and non-metallic impurities, Kester Ultrapure® is the industry-standard bar solder for use in high-tech electronic applications where lower surface tension and hole filling ability are essential. Meets the requirements of IPC/J-STD-006C.

K100LD Alloy Sn99.3Cu0.7

Low-cost and low-copper dissolution alloy. Ultrapure® K100LD, an eutectic tin/copper alloy with controlled metallic dopants to control the grain structure within the solder joint, and to minimize the dissolution of copper into the solder pot. Meets the requirements of IPC/J-STD-006C.

Description	*Part No.*
1-2/3-lb. Bar (25-lb. Case)	**SAC305ULTRAPURE**
1-2/3-lb. Bar	**SAC305UP-BAR**
1-2/3-lb. Bar (25-lb. Case)	**K100LDULTRAPURE**
1-2/3-lb. Bar	**K100LDUP-BAR**

LEAD-FREE SOLDER WIRE

RoHS COMPLIANT

Indium Corporation offers lead-free solder wire in a variety of formulations including no-clean, water-soluble and halogen-free. All wire solders on this page are RoHS Compliant.



Solder pricing changes frequently due to fluctuations in the metals market. Please visit www.Techni-Tool.com or call 1.800.832.4866 for the latest prices.

Halogen-Free, No-Clean CW-807

Indium Corporation's best-selling flux-cored wire. Halogen-free per J-STD-004B, this formula provides a balance of properties needed for high reliability, no-clean soldering and rework – high reliability, low smoke, non-offensive odor, clear residue, and fast wetting.

- Meets IPC J-709
- Contains no BFRs or REACH SVHCs
- Residue: colorless
- J-STD-004: ROL0
- J-STD-004B: ROL0
- RMA per legacy Mil Spec QQ-S-517f

SAC305 Sn96.5Ag3Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.020"	2.2%	**52915-0454**
0.032"	2.2%	**52890-0454**
SN995 99.5Sn/0.5Cu/0.5Co		
0.020"	2.2%	**53030-0454**
0.032"	2.2%	**53029-0454**

No-Clean, No-Spatter Core 230-RC

Core 230-RC was developed to meet the demanding requirements of robotic and laser soldering. It incorporates a highly effective activator package with new "no spatter" technology in a high-reliability flux media.

- Contains no REACH substances of very high concern (SVHCs)
- Residue: light-colored
- Compatible with Pb-free and SnPb alloys
- Compatible with HASL, immersion silver, ENIG, and OSP surface finishes
- J-STD-004: REL0
- J-STD-004B: REL1

SAC305 Sn96.5Ag3Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.020"	2.2%	**54494-0454**
0.032"	2.2%	**54649-0454**
SN995 99.5Sn/0.5Cu/0.5Co		
0.020"	2.2%	**54650-0454**
0.032"	2.2%	**54651-0454**

Water-Soluble CW-301

CW-301 is formulated for use in water-wash assembly processes and is cored with a high-reliability water-soluble flux. It provides excellent solder spread with minimal smoking and low odor. The fast wetting speed is beneficial in minimizing rework cycle time, which is typically longer with Pb-free solders. Minimal spattering and low odor.

- Excellent cleanability with cold water
- Optimized for use with Sn/Pb and Pb-free assembly and rework processes
- Resistant to charring
- Residue: amber
- J-STD-004: ORH1
- J-STD-004B: ORH1

SAC305 Sn96.5Ag3Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.020"	3%	**52408-0454**
0.032"	3%	**52409-0454**
SN995 99.5Sn/0.5Cu/0.5Co		
0.020"	3%	**53089-0454**
0.032"	3%	**52727-0454**

Halogen-Free, Water-Soluble CW-305

Cored with a high-reliability water-soluble flux. It provides excellent solder spread with minimal smoking and low odor. The fast wetting speed is beneficial in minimizing rework cycle time, which is typically longer with Pb-Free solders. Minimal spattering; low odor.

- Excellent cleanability w/cold water
- Resistant to charring
- Residue: amber
- J-STD-004: ORH1
- J-STD-004B: ORH1

SAC305 Sn96.5Ag3Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.020"	3%	**54644-0454**
0.032"	3%	**54626-0454**
SN995 99.5Sn/0.5Cu/0.5Co		
0.020"	3%	**54645-0454**
0.032"	3%	**54646-0454**

RA CW-201

Uses traditional-grade WW rosin and standard chloride activators. Recommended for use with 63Sn/36Pb and 60Sn/40Pb alloys on non-sensitive oxidized copper parts, non-sensitive electrical/electronic assemblies where higher speed wetting is desired, and assemblies where the residue is removed after soldering.

- Residue: amber
- J-STD-004: ROM1
- J-STD-004B: ROM1
- RMA per legacy Mil Spec QQ-S-517f

SAC305 Sn96.5Ag3Cu0.5		
Wire Dia.	*Flux %*	*Part No.*
0.020"	3%	**52837-0454**
0.032"	3%	**52569-0454**
SN995 99.5Sn/0.5Cu/0.5Co		
0.020"	3%	**53510-0454**
0.032"	3%	**53509-0454**

Lead-Free Bar Solder



Indium Corporation lead-free bar solder has extremely low impurity levels, exceeding industry specifications to ensure the best performance every time.

RoHS COMPLIANT

Description	*Run Time*	*Dross*	*Dross Rate*	*Size*	*Part No.*
SAC305, Sn96.5 AG3.5 Cu0.5	19.92 Hours	1303.5 g	65.44 g Dross/ Hour	1-2/3-lb. Bar, 25-lbs. Per Box	**BAROT-06458**
Economy, **9.5Sn/0.5Cu/0.5Co** Cobalt-Doped	22.28 Hours	523.3 g	23.49 g Dross/ Hour	1-2/3-lb. Bar, 25-lbs. Per Box	**BAROT-06759***

***Part numbers** *ending in an asterisk (*) require a minimum order. Call for details.*

LEAD-FREE SOLDER PASTE

Solder pricing changes frequently due to fluctuations in the metals market. Please visit www.Techni-Tool.com or call 1.800.832.4866 for the latest prices.

As a leader in soldering technology, Indium Corporation offers a number of solder pastes for pb-free circuit board assembly. We offer many different alloy choices and flux technologies to solve many process challenges.

SAC305 Alloys.

Indium8.9E Features:

- Defect Elimination:
  - Solves graping defects by inhibiting oxidation during long reflow and promoting coalescence
  - Reduced head-in-pillow defects
- Printing:
  - Offers great print transfer efficiency
  - Designed for CSP, 0201, and 01005 technologies

Indium8.9 Features:

- Defect Elimination:
  - Eliminates head-in-pillow defects
  - Low voiding: Less than 5% voiding for BGAs with via-in-pad technology, even when using a variety of profiles
- Printing: Designed for CSP, 0201, and 01005 technologies
- Reflow Capability: Accommodates high peak temperatures and long soak profiles

Indium8.9HF-1 & Indium8.9HFA Features:

- Halogen-Free
- Unique Oxidation Barrier Technology:
  - No more head-in-pillow defects
  - Strong oxidation barrier
  - Low voiding (<5%) for many profiles when soldering BGAs with via-in-pad technology
- Robust Reflow Capability
- **Indium 8.9HF-1 Only:**
  - Provides best-in-class probe-testability with few false rejects from in-circuit testing
  - Extremely thermally stable; maintains soft, pliable residue, even after reflow
- **Indium 8.9HFA Only:** Unprecedented print transfer efficiency through small apertures at high print speeds



Indium8.9HF Features:

- Halogen-free
- Printing: eliminates hot and cold slump
- Low BGA, CSP, QFN voiding
- High transfer efficiency through small apertures
- High oxidation resistance

RMA-155 Features:

- Printing:
  - High-performance stencil printing characteristics
  - Eliminates hot and cold slump
- Reflow Capability: robust reflow performance to accommodate assembly of BGA and components with large ground planes
- High oxidation resistance

Indium3.2 & Indium3.2HF

- Printing:
  - Consistent fine-pitch print performance and transfer efficiency
  - Excellent response-to-pause
  - Tackiness sufficient for high-speed and high-mix SMT assembly
  - Outstanding slump resistance
- Defect Elimination:
  - Superb wetting performance
  - Low voiding
  - Humidity resistance
- Robust Reflow Capability: Effective in air or nitrogen environments
- Cleaning: Easily cleaned in warm, pressurized DI water
- Indium3.2HF Only: halogen-free version of Indium3.2

Indium6.4R

- Lowest voiding water-soluble flux for solder paste
- Exceptional printing process window
- Excellent wetting on a variety of surface finishes

Indium10.1

- Defect Elimination:
  - Low voiding on QFN, BGA and CSP components
  - Exceptional head-in-pillow resistance
- High transfer efficiency and low variation through small apertures
- Eliminates the graping phenomenon
- Outstanding RF shield metallization wetting

Indium8.9E No-Clean for Pb-Free Alloys

Type	*Metal Load*	*Packaging*	*Part No.*
8.9E Type 3	88.75%	500g Jar	**800514-500G***
8.9E Type 3	88.75%	600g Cartridge	**800514-600C***
8.9E Type 4	88.50%	500g Jar	**800515-500G***
8.9E Type 4	88.50%	600g Cartridge	**800515-600C***
Indium8.9 No-Clean for Pb-Free Alloys			
8.9 Type 3	88.50%	500g Jar	**800449-500G***
8.9 Type 3	88.50%	600g Cartridge	**800449-600C**
8.9 Type 4	88.25%	500g Jar	**800420-500G**
8.9 Type 4	88.25%	600g Cartridge	**800420-600C**
Indium8.9HF-1 Halogen-Free No-Clean for Pb-Free Alloys			
8.9HF-1 Type 3	88.50%	500g Jar	**800595-500G***
8.9HF-1 Type 3	88.50%	600g Cartridge	**800595-600C**
8.9HF-1 Type 4	88.25%	500g Jar	**800596-500G***
8.9HF-1 Type 4	88.25%	600g Cartridge	**800596-600C**
Indium8.9HFA Halogen-Free No-Clean for Pb-Free Alloys			
8.9HFA Type 3	88.50%	500g Jar	**800714-500G***
8.9HFA Type 3	88.50%	600g Cartridge	**800714-600C***
8.9HFA Type 4	88.00%	500g Jar	**800693-500G***
8.9HFA Type 4	88.00%	600g Cartridge	**800693-600C***
Indium8.9HF Halogen-Free No-Clean for Pb-Free Alloys			
8.9HF Type 3	89.0%	500g Jar	**800494-500G***
8.9HF Type 3	89.0%	600g Cartridge	**800494-600C**
8.9HF Type 4	88.5%	500g Jar	**800495-500G***
8.9HF Type 4	88.5%	600g Cartridge	**800495-600C***
Halogen-Free No-Clean For Pb-free Alloys - RMA-155			
RMA-155 Type 3	89.0%	500g Jar	**801078-500G***
RMA-155 Type 3	89.0%	600g Cartridge	**801078-600C***
RMA-155 Type 4	88.5%	500g Jar	**801077-500G***
RMA-155 Type 4	88.5%	600g Cartridge	**801077-600C***
Indium10.1 No-Clean for Pb-Free Alloys			
10.1 Type 3	88.75%	500g Jar	**801031-500G***
10.1 Type 3	88.75%	600g Cartridge	**801031-600C***
10.1 Type 4	88.5%	500g Jar	**801065-500G***
10.1 Type 4	88.5%	600g Cartridge	**801065-600C**
Indium3.2 Water-Soluble for Pb-Free Alloys			
3.2 Type 3	88.50%	500g Jar	**800164-500G**
3.2 Type 3	88.50%	600g Cartridge	**800164-600C**
3.2 Type 4	88.25%	500g Jar	**800517-500G***
3.2 Type 4	88.25%	600g Cartridge	**800517-600C**
Indium3.2HF Halogen-Free Water-Soluble for Pb-Free Alloys			
3.2HF Type 3	89.00%	500g Jar	**800640-500G***
3.2HF Type 3	89.00%	600g Cartridge	**800640-600C***
3.2HF Type 4	88.50%	500g Jar	**800642-500G***
3.2HF Type 4	88.50%	600g Cartridge	**800642-600C***
Indium6.4R Water-Soluble for Pb-Free Alloys			
6.4R Type 3	88.75%	500g Jar	**801216-500G***
6.4R Type 3	88.75%	600g Cartridge	**801216-600C***
6.4R Type 4	88.5%	500g Jar	**801215-500G***
6.4R Type 4	88.5%	600g Cartridge	**801215-600C**

LEAD-FREE SOLDER PASTE

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GC 10, Halogen-Free



LOCTITE® GC 10 is stable at 26.5°C for one year and at temperatures of up to 40°C for one month. The temperature stability of this no-clean material delivers exceptional performance attributes such as 24-hour abandon times, stabilized and consistent print transfer efficiency, expansion of the reflow process window in air, more than 95% on-line paste utilization, and significant reductions in solder-related defects.

- Application: no-clean stencil printing
- Alloy: Sn96.5Ag3.0Cu0.5 (SAC305)
- Shelf life & conditions: 30 days @ 40°C; 365 days @ 25°C ± 1.5°C
- Classification: J-STD-004B / ROL0

RoHS COMPLIANT

Type 3, 88.5%

Size	Min. Order	Part No.
500g Jar	None	**2023628**
600g Cartridge	20 Cartridges	**2023641**
850 Proflow	Call for min.	**2064239**

Type 4, 88.5%

Size	Min. Order	Part No.
500g Jar	None	**1993881**
600g Cartridge	20 Cartridges	**2003721**
850 Proflow	Call for min.	**2064242**

GC 3W

RoHS COMPLIANT



LOCTITE® GC 3W is a temperature-stable, water wash solder paste. The new fully halide- and halogen-free formulation combines the properties of high-activity flux performance and temperature stability characteristics. Provides exceptional results in aqueous cleaning systems without the addition of saponifiers or co-solvents. Post-reflow residue removal is fast and easy, and the cleaning window has dramatically expanded. Stencil life and abandon times are superior to previous-generation water wash formulas.

- Application: sater-soluble stencil printing
- Alloy: Sn96.5Ag3.0Cu0.5 (SAC305)
- Shelf life & conditions: 180 days @ 0-25°C ± 1.5°C
- Classification: J-STD-004B / ORM0

Type 3, 89.5%

Size	Min. Order	Part No.
500g Jar	10 Jars	**2041005**
600g Cartridge	20 Cartridges	**2041006**

Type 4, 89.5%

Size	Min. Order	Part No.
500g Jar	None	**2040989**
600g Cartridge	20 Cartridges	**2040987**

Adhesives

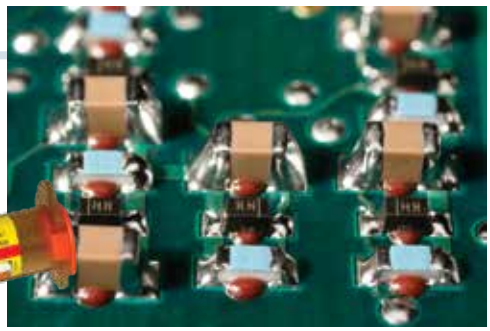
Please call 800.832.4866 or visit www.Techni-Tool.com for the latest prices.

>>> FIND MORE ONLINE

Visit www.Techni-Tool.com to view our full selection of adhesives.

Loctite® products are the industry standard for mixed-technology and double-sided SMT applications. Developed using in-process analysis ensures that Henkel's surface-mount adhesives can address high-speed assembly processes while delivering lead-free compatibility with no loss in productivity.





Chipbonder® Surface Mount Adhesives

Product	Description	Color	Cure Schedules	Application	Storage Temp.	Shelf Life	Size	Min. Order	Part No.
LOCTITE® 3621™	Particularly suited for applications where very high dispense speeds, high dot profile, high wet strength and good electrical characteristics are required.	Red	90 sec. @ 150°C; 3-4 min. @ 125°C	Very high-speed syringe dispense 47,000 DPH capable	5°C ± 3°C or 8°C to 21°C for 30 days	10 months	10 ml. EFD	1	**235130**
							30 ml. EFD	1	**235132**
							30 ml. IWASHITA	10	**293417**
							30 ml. FUJI	1	**235136**
LOCTITE® 3609™	Particularly suitable for applications where medium-to-high dispense speeds, high dot profile, high wet strength and good electrical characteristics are required.	Red	90 sec. @ 150°C; 3-4 min. @ 125°C	General-purpose syringe dispense	5°C ± 3°C	6 months	10 ml. EFD	1	**142089**
							30 ml. EFD	1	**230167**
							30 ml., FUJI	1	**230102**
LOCTITE® 3616™	Particularly suited to printing a range of dot heights with one stencil thickness and where high wet strength characteristics, and high print speeds are required.	Red	90 sec. @ 150°C; 2-3 min. @ 125°C	Stencil Print (60-150 mm/s)	5°C ± 3°C	9 months	300 ml. SEMCO	1	**244565**
							175 ml. PROFLOW	5	**303405**
							6 oz. SEMCO	5	**527631**
LOCTITE® 348™	Particularly suited for applications where medium-to-high dispense speeds, high dot profile, high wet strength and good electrical characteristics are required.	Red	90 sec. @ 150°C	Small parts bonding	5°C (+/- 3°C)	—	10 ml. EFD	1	**1099563**

LOCTITE Henkel Excellence is our Passion

Adhesives

Please call 800.832.4866 or visit www.Techni-Tool.com for the latest prices.





Thermally Conductive Adhesives

Thermally conductive adhesives eliminate the need for mechanical fasteners and clips while providing the most efficient thermal transfer between transistors or microprocessors and their heat sinks. One-component adhesives. High thermal conductivity. Excellent heat dissipation.

Product	Description	Cure Type	Cure Schedules	Viscosity	Thermal Conductivity (W/mk)	Volume Resistivity (OHM.CM)	Shelf Life	Size	Min. Order	Part No.
LOCTITE® 315™	Self-shimming, thermally conductive, 1-part adhesive for bonding electrical components to heat sinks with an insulating gap.	Activator or Heat	24-72 hours @ 20°C	600,000 cPs	0.81	1.3×10^{12}	9 months @ 5°C	25 ml. Syringe	1	**160799**
LOCTITE® 3873™	Self-shimming, use with activator 7387™. High bonding strength for heat sink application.	Activator or Heat	Fixture time: 5 min.	200,000	1.25	4.3 x 1014	21 months @ 5°C	25 ml. Syringe	1	**234476**
LOCTITE® 384™	Repairable, room-temperature curing adhesive utilized for parts subject to dissassembly.	Activator or Heat	24-72 hours @ 20°C	100,000 cPs	0.76	1.3×10^{12}	9 months @ 5°C	25 ml. Syringe	1	**135256**
								25 ml. Kit	1	**195733**
LOCTITE® 383™	High-strength, room-temperature curing adhesive for permanent assemblies.	Activator or Heat	24-72 hours @ 20°C	500,000 cPs	0.6	5.2×10^{11}	9 months @ 5°C	25 ml. Syringe	1	**135255**
								25 ml. Kit	1	**237043**
LOCTITE® 7387™	Specially engineered curing agent for structural adhesives, such as LOCTITE® 383™ & 384™.	—	—	2,000 cP	—	—	—	13 ml. Brush Top	1	**230178**

Electrically Conductive Adhesives



Lead-free alternatives to solder. Electrically conductive adhesives provide both a mechanical bond and an electrical interconnection between a device and a circuit board.

Product	Description	Cure Type	Cure Schedules	Viscosity (cPs)	Volume Resistivity (OHM.CM)	Shelf Life	Pot Life	Size	Min. Order	Part No.
LOCTITE® 3880™	Electrically conductive adhesive for bonding of metals, ceramics, rubbers and plastics with superior adhesion, electrical and thermal conductivity.	Heat	15 min. @ 130°C	100,000 (cp51, 5 RPM)	0.008	6 months @ 0°C	—	5 ml. Syringe	1	**2015797**
								10 ml. Syringe	10	**2015796**
LOCTITE® 3888™	Room temperature or heat curable, silver-filled adhesive designed for electronic interconnect applications requiring a combination of good mechanical and electrical properties.	Thick Paste	2 hours @ 65°C	Paste	<0.001	12 months	6 months	2.5 g. Two-Part	1	**2027182**

3900™ Acrylic Conformal Coating



Designed for small production runs. One-component colorless acrylic conformal coating. Type AR acrylic. Fast drying (5 min. air dry). Clear appearance. High dielectric strength. Contains no CFC's or chlorinated solvents.

Size	Part No.	Price
11 oz. Aerosol Can	**135277**	**$16.07**

5088™ Light Cure Adhesive



The one-component, liquid sealant is great for potting, coating and sealing in a wide variety of automotive, electronic, military and industrial applications. Cures in 30 seconds or less using UV light sources ranging from low to high intensity. Viscosity: 65,000 thixotropic.

Size	Part No.	Price
300 ml. Cartridge	**212082**	**$80.67**

5145™ RTV Silicone Sealant



5145™ is a clear one-part potting and encapsulating compound that is designed for bonding, sealing and coating of electronic devices. Ideal for reinforcing and strain-relieving delicate components. Meets Mil-A46146B.

Size	Part No.	Price
300 ml. Cartridge	**230079**	**$89.93**
3 oz. Tube	**135311**	**$33.35**

Adhesives, Epoxies & Threadlockers

There are almost as many industrial adhesives, epoxies and threadlockers as there are things to stick together. And Techni-Tool stocks a wide assortment to satisfy your needs. From glue guns and glue sticks to instant-bonding cyanoacrylates and light-cure adhesives — even products designed specifically for the assembly of medical devices. Whatever your application is, come bond with us.

www.techni-tool.com



LOCTITE Instant Cyanoacrylate Adhesives

Locktite® offers the widest selection of high-performance, application-specific, instant adhesives. Available in a variety of viscosities, cure speeds, gap-filling capabilities and substrate compatibilities. The ultra-high-performance Loctite® Prism® family offers toughened formulations, low odor, low blooming and thermally resistant formulations.

NOTE: Some products have minimum quantities. Call for details.

A few of the many applications:

- Synthetic rubber feet to ABS housing
- Absorbing material to steel sheet
- Safety rubber pads to aluminum ladder steps
- PVC to paper for packaging materials
- Aluminum potentiometer scale to painted steel control box
- Braided sleeve to rubber heater hose
- Small bearings into plastic/metal housings
- Abrasive tips to machine tools
- PC windows to ABS housing
- Logos and plastic parts in the cosmetic industry



		Product	Typical Use	Color	Gap Fill In	Category	Viscosity (cP)	Shear Strength*	Temp. Range	Cure Speed**	Specific Gravity	Agency Approvals	Package Type/Size	Part No.	Price
General-Purpose	Surface Insensitive	**401™ Prism®**	General-Purpose	Clear	0.005"	Ethyl	110	3,200 psi	-65°F to 180°F	Fixture: 15 sec. Full: 24 hours	1.05	CFIA	20 g. Bottle	**135429**	**$26.98**
		406™ Prism®	Wicking Grade	Clear	0.004"	Ethyl	20	3,200 psi	-65°F to 180°F	Fixture: 15 sec. Full: 24 hours	1.05	N/A	20 g. Bottle	**135436**	**$26.98**
		431™ Prism®	Gap Filling	Clear	0.008"	Ethyl	1,000	2,300 psi	-65°F to 180°F	Fixture: 15 sec. Full: 24 hours	1.10	ISO® 10993	20 g. Bottle	**868371**	**$27.44**
		454™ Prism®	Porous Surfaces	Clear	0.010"	Ethyl	Gel	3,200 psi	-65°F to 180°F	Fixture: 15 sec. Full: 24 hours	1.05	CFIA, ABS	20 g. Tube	**135462**	**$28.88**
Low Odor/Low Bloom	Surface Insensitive	**455™ Prism®**	Porous Surfaces	Clear	0.010"	Alkoxy	Gel	2,600 psi	-65°F to 160°F	Fixture: 40 sec. Full: 24 hours	1.10	N/A	10 g. Syringe	**231525**	**$31.82**
		403™ Prism®	Gap Filling	Clear	0.008"	Alkoxy	1,000	2,600 psi	-65°F to 160°F	Fixture: 50 sec. Full: 24 hours	1.10	N/A	20 g. Bottle	**135433**	**$30.85**
		408™ Prism®	Wicking Grade	Clear	0.002"	Alkoxy	5	2,600 psi	-65°F to 160°F	Fixture: 50 sec. Full: 24 hours	1.05	N/A	20 g. Bottle	**135441**	**$30.85**
		460™ Prism®	Close-Fitting Parts	Clear	0.004"	Alkoxy	45	2,600 psi	-65°F to 160°F	Fixture: 50 sec. Full: 24 hours	1.10	N/A	20 g. Bottle	**135463**	**$30.55**
Toughened		**380™ Black Max®**	Close-Fitting Parts	Black	0.006"	Ethyl	300	3,750 psi	-65°F to 225°F	Fixture: 90 sec. Full: 24 hours	1.10	CFIA	3 g. Tube	**232834**	**$6.74**
													1 oz. Bottle	**135423**	**$37.24**
		410™ Prism®	Gap Filling	Black	0.008"	Ethyl	3,500	3,200 psi	-65°F to 225°F	Fixture: 90 sec. Full: 24 hours	1.07	CFIA	20 g. Bottle	**135444**	**$29.87**
		426™ Prism®	Porous Surfaces	Black	0.010"	Ethyl	Gel	3,000 psi	-65°F to 210°F	Fixture: 20 sec. Full: 24 hours	1.10	N/A	20 g. Tube	**229732**	**$33.03**
		480™ Prism®	General Filling	Black	0.006"	Ethyl	200	3,800 psi	-65°F to 180°F	Fixture: 90 sec. Full: 24 hours	1.10	NSF®/ ANSI 61	20 g. Bottle	**135466**	**$29.87**
		411™ Prism®	Gap Filling	Clear	0.008"	Ethyl	5,000	3,200 psi	-65°F to 210°F	Fixture: 30 sec. Full: 24 hours	1.07	N/A	20 g. Bottle	**135446**	**$29.68**
	Surface Insensitive	**435™ Prism®**	General-Purpose	Clear	0.006"	Ethyl	200	2,700 psi	-65°F to 225°F	Fixture: 30 sec. Full: 24 hours	1.10	ISO® 10993	20 g. Bottle	**840057**	**$29.87**
Toughened Thermally Resistant		**4203™ Prism®**	Close-Fitting Parts	Clear	0.005"	Ethyl	375	2,200 psi	-65°F to 250°F	Fixture: 40 sec. Full: 24 hours	1.10	N/A	1-lb. Bottle	**232839**	**$357.59**
		4204™ Prism®	Gap Filling	Clear	0.008"	Ethyl	4,000	2,400 psi	-65°F to 250°F	Fixture: 75 sec. Full: 24 hours	1.10	N/A	1-lb. Bottle	**231944**	**$344.04**
		4205™ Prism®	Porous Surfaces	Clear	0.010"	Ethyl	Gel	2,300 psi	-65°F to 250°F	Fixture: 90 sec. Full: 24 hours	1.10	N/A	20 g. Tube	**232840**	**$32.00**
Light Cure	Toughened	**4310™ Flashcure®**	Close-Fitting Parts	Clear/Pale Green	0.004"	Ethyl	150	2,000 psi‡	-65°F to 240°F	Fixture <5 sec.¥	1.05	ISO® 10993	1-lb. Bottle	**1401790**	**$279.74**
		4311™ Flashcure®	Gap Filling	Clear/Pale Green	0.008"	Ethyl	900	2,000 psi‡	-65°F to 240°F	Fixture <5 sec.¥	1.15	ISO® 10993	1-lb. Bottle	**1401789**	**$315.15**
Flexible		**4851™ Prism®**	Flexible	Clear	0.006"	Alkyl	400	2,175 psi	-65°F to 125°F	Fixture: 20 sec. Full: 24 hours	1.10	ISO® 10993	20 g. Bottle	**37732**	**$27.86**
		4861™ Prism®	Flexible	Clear	0.008"	Alkyl	4,000	2,465 psi	-65°F to 125°F	Fixture: 20 sec. Full: 24 hours	1.10	ISO® 10993	20 g. Bottle	**518485**	**$27.29**

* Grit-blasted steel. ** Varies with substrates. ‡ Data generated using polycarbonate. ¥ Full Cure = 24 hours without UV exposure.

LOCTITE Instant Cyanoacrylate Adhesives

	Product	Typical Use	Color	Gap Fill In	Category	Viscosity (cP)	Shear Strength*	Temp. Range	Cure Speed**	Specific Gravity	Agency Approvals	Package Type/Size	Part No.	Price
General-Purpose	**404™ Quick Set®**	Rubber O-Ring Bonder	Clear	0.005"	Ethyl	80	3,500 psi	-65°F to 180°F	Fixture: 30 sec. Full: 24 hours	1.09	ABS, CFIA, Commercial item std. A-A-3097	1/3 oz. Bottle	**135465**	**$29.80**
	409™ Super Bonder®	General-Purpose Gel	Clear	0.010"	Ethyl	Gel	3,200 psi	-65°F to 180°F	Fixture: 75 sec. Full: 24 hours	1.10	N/A	20 g. Tube	**135442**	**$23.49**
	414™ Super Bonder®	Plastic Bonder	Clear	0.006"	Ethyl	110	3,200 psi	-65°F to 180°F	Fixture: 20 sec. Full: 24 hours	1.05	CFIA, Commercial item std. A-A-3097	3 g. Tube	**233780**	**$5.76**
												1 oz. Bottle	**233801**	**$28.96**
	415™ Super Bonder®	Gap Filling Metal Bonder	Clear	0.008"	Methyl	1,500	3,600 psi	-65°F to 180°F	Fixture: 30 sec. Full: 24 hours	1.09	Commercial item std. A-A-3097	1 oz. Bottle	**135449**	**$25.00**
	416™ Super Bonder®	Gap Filling Plastic Bonder	Clear	0.008"	Ethyl	1,500	3,200 psi	-65°F to 180°F	Fixture: 30 sec. Full: 24 hours	1.05	CFIA, Commercial item std. A-A-3097	1 oz. Bottle	**135452**	**$26.74**
	420™ Super Bonder®	Wicking Type Plastic Bonder	Clear	0.002"	Ethyl	2	2,900 psi	-65°F to 180°F	Fixture: 20 sec. Full: 24 hours	1.05	Commercial item std. A-A-3097	1 oz. Bottle	**135455**	**$26.58**
	422™ Super Bonder®	Gap Filling Plastic Bonder	Clear	0.008"	Ethyl	2,500	3,200 psi	-65°F to 180°F	Fixture: 30 sec. Full: 24 hours	1.09	CFIA, Commercial item std. A-A-3097	1 oz. Bottle	**233927**	**$26.74**
	430™ Super Bonder®	Metal Bonder for Close-Fitting Parts	Clear	0.005"	Methyl	80	3,600 psi	-65°F to 180°F	Fixture: 30 sec. Full: 24 hours	1.09	Commercial item std. A-A-3097	3 g. Tube	**233973**	**$6.74**
												1 oz. Bottle	**233978**	**$27.18**
	493™ Super Bonder®	Wicking Type Metal Bonder	Clear	0.002'	Methyl	2	3,600 psi	-65°F to 180°F	Fixture: 30 sec. Full: 24 hours	1.09	Commercial item std. A-A-3097	1 oz. Bottle	**234060**	**$32.03**
	495™ Super Bonder®	General-Purpose	Clear	0.004"	Ethyl	45	2,750 psi	-65°F to 180°F	Fixture: 20 sec. Full: 24 hours	1.05	ABS, Commercial item std. A-A-3097	3 g. Tube	**234072**	**$4.82**
												1 oz. Bottle	**135467**	**$29.80**
	496™ Super Bonder®	General-Purpose Rubber Bonder	Clear	0.005"	Methyl	125	3,600 psi	-65°F to 180°F	Fixture: 30 sec. Full: 24 hours	1.09	Commercial item std. A-A-3097	1 oz. Bottle	**234156**	**$27.18**
	498™ Super Bonder®	Thermal Cycling	Clear	0.007"	Ethyl	500	3,00 psi	-65°F to 180°F	Fixture: 50 sec. Full: 24 hours	1.10	N/A	1 oz. Bottle	**135469**	**$29.25**
	499™ Super Bonder®	Thermo Cycling Gel	Clear	0.010"	Ethyl	Gel	3,200 psi	-65°F to 200°F	Fixture: 75 sec. Full: 24 hours	1.10	N/A	20 g. Tube	**135471**	**$23.00**
	Quicktite®	General Gel	Clear	0.010"	Ethyl	Gel	2,800 psi	-65°F to 180°F	Fixture: 45 sec. Full: 24 hours	1.10	N/A	0.14 oz. Bottle	**680522**	**$7.88**

* Grit-blasted steel. ** Varies with substrates. ‡ Data generated using polycarbonate. ¥ Full Cure = 24 hours without UV exposure. Note: Some products have minimum quantities. Call for details.

Instant Adhesives Tak Pak

444 Tak Pak®

Medium viscosity, clear instant adhesive. Temp range: -65°F to 180°F. Cure speed: fixture in 30 seconds and full in 24 hours.

382 Tak Pak®

Clear instant adhesive designed for electronic applications and wire tacking on a variety of materials. High viscosity, one part, room temperature cure. Temp range: -65°F to 210°F. Cure speed: fixture in 30 seconds and full in 24 hours.

7452 Accelerator

Increases cure speed of cyanoacrylate adhesives and has aggressive cleaning properties. One-part life of 1 minute. Acetone base.



444 Tak Pak®		
Description	*Part No.*	*Price*
444 Tak Pak® Kit: 20 g. Adhesive and 1.75 oz. brush cap Accelerator	**193949**	**$36.51**
444 Adhesive (20 g.)	**135241**	**$20.38**
444 Adhesive (1-lb.)	**228354**	**$220.03**
7452 Accelerator (1.75 oz. brush cap)	**135267**	**$10.29**
382 Tak Pak®		
382 Tak Pak® Kit: 20 g. Adhesive and 0.7 oz. net weight aerosol can Accelerator	**230276**	**$58.24**
382 Adhesive (20 g.)	**135425**	**$29.87**
382 Adhesive (1-lb.)	**135426**	**$308.72**
7452 Accelerator (0.70 oz. aerosol can)	**229784**	**$19.12**

Solvent & Primer

768™ X-NMS Cleanup Solvent

Quickly and safely dissolves cured cyanoacrylate-based adhesives. Can be used for the disassembly of parts and cleanup of dispensing equipment. No rinse and residue. Dries in less than 30 seconds.



770™ Prism® Primer

An adhesion promoter formulated for use with polyolefins and other low surface energy plastic materials. Use with cyanoacrylate adhesives. Fast dry time and long on-part life.

Description	*Part No.*	*Price*
768™ X-NMS Cleanup Solvent, 1.75 fl. oz. Bottle	**235018**	**$40.50**
770™ Prism® Primer, 1.75 fl. oz. Bottle	**135266**	**$19.99**

LOCTITE Medical Device Cyanoacrylates, Accelerators & Primers

Loctite® adhesives have been specified by medical device manufacturers all over the world for over two decades. Our experience, products and engineering services are second to none, with the world's most diversified and comprehensive line of adhesives, dispensing equipment and curing systems available anywhere. Our medical device adhesives cover almost every adhesive chemistry conceivable, providing you with a wide range of choices and assembly solutions. Our products are available in viscosities ranging from water-thin liquids to thixotropic gels and are compatible with many common sterilization methods such as ethylene oxide, gamma radiation, electron beam, liquid sterilization, autoclave and peroxide plasma. These ISO® 10993-compliant products are designed specifically for the assembly of medical devices where toxicity testing and sterilization resistance are required.

Medical device adhesives offer many benefits:

- Comprehensive ISO® 10993 biocompatibility testing
- Even stress distribution
- Excellent gap filling capabilities
- Rapid fixture and overall cure times
- Structural bonds and increased throughput



NOTE: Some products have minimum quantities. Call for details.

	Product	Appearance/ Clarity/Color	Cure Type	Key Substrates	Viscosity (CP) Brookfield (25°C)	Temp. Range	ISO® 10933 Compliant	Package Type/Size	Part No.	Price
Cyanoacrylates	**431™ Prism® (SI)**	Clear	Humidity	Thermoplastic, thermoset plastic, metal, elastomer, including rubber	1,000	-65°F to 180°F	●	20 g. Bottle	**868371**	**$27.44**
	435™ Prism® (T)	Clear	Humidity	Thermoplastic, thermoset plastic, metal, elastomer, including rubber	200	-65°F to 240°F	●	20 g. Bottle	**840057**	**$29.87**
	4011™ Prism® (SI)	Clear	Humidity	Thermoplastic, thermoset plastic, metal, elastomer, including rubber	100	-65°F to 180°F	●	20 g. Bottle	**142059**	**$30.54**
	4014™ Prism® (GP)	Clear	Humidity	Thermoplastic, thermoset plastic, metal	3	-65°F to 220°F	●	20 g. Bottle	**202152**	**$21.13**
	4031™ Prism® (LO)	Clear	Humidity	Thermoplastic, thermoset plastic, metal	1,300	-65°F to 160°F	●	20 g. Bottle	**229804**	**$33.97**
	4061™ Prism® (SI)	Clear	Humidity	Thermoplastic, thermoset plastic, metal, elastomer, including rubber	20	-65°F to 180°F	●	20 g. Bottle	**229806**	**$31.05**
	4081™ Prism® (LO)	Clear	Humidity	Thermoplastic, thermoset plastic, metal	5	-65°F to 160°F	●	20 g. Bottle	**229808**	**$34.45**
	4161™ Super Bonder® (GP)	Clear	Humidity	Thermoplastic, thermoset plastic, metal	1,500	-65°F to 180°F	●	20 g. Bottle	**237038**	**$25.61**
	4541™ Prism® (SI)	Clear	Humidity	Thermoplastic, thermoset plastic, metal, elastomer, including rubber	Gel	-65°F to 180°F	●	20 g. Tube	**223088**	**$35.01**
	4851™ Prism® (FL)	Clear	Humidity	Thermoplastic, thermoset plastic, metal, elastomer, including rubber	400	-65°F to 125°F	●	20 g. Bottle	**524540**	**$27.86**
	4861™ Prism® (FL)	Clear	Humidity	Thermoplastic, thermoset plastic, metal, elastomer, including rubber	4,000	-65°F to 125°F	●	20 g. Bottle	**518485**	**$27.29**
	4981™ Super Bonder® (TR)	Clear	Humidity	Thermoplastic, thermoset plastic, metal, elastomer, including rubber	500	-65°F to 220°F	●	20 g. Bottle	**229812**	**$25.49**
Light Cure Cyanoacrylates	**4306™ Flashcure®**	Clear/Pale Green	Ultraviolet, visible, humidity	Thermoplastic, polycarbonate, elastomer, metal	20	-65°F to 180°F	●	1 oz. Bottle	**487909**	**$63.31**
	4310™ Flashcure®	Clear/Pale Green	Ultraviolet, visible, humidity	Thermoplastic, polycarbonate, elastomer, metal	150	-65°F to 240°F	●	1 oz. Bottle	**1401792**	**$63.91**
								1-lb. Bottle	**1401790**	**$279.74**
	4311™ Flashcure®	Clear/Pale Green	Ultraviolet, visible, humidity	Thermoplastic, polycarbonate, elastomer, metal	900	-65°F to 240°F	●	1 oz. Bottle	**1401791**	**$63.91**
								1-lb. Bottle	**1401789**	**$315.15**
Accelerator & Primers	**713™ Prism® Accelerator**	Clear	N/A	Isopropanol-based accelerator for cyanoacrylates	1	N/A	●	1.75 fl. oz. Bottle	**135305**	**$12.45**
	7701™ Prism® Primer	Clear	N/A	Heptane-based adhesion promoter for low-energy surface plastics	3	N/A	●	1.75 fl. oz. Bottle	**88195**	**$19.03**
								16 fl. oz. Can	**88196**	**$102.60**

(SI) Surface Insensitive; (GP) General-Purpose; (L) Low Odor/Low Bloom; (FL) Flexible; (TR) Thermally Resistant; (T) Toughened

3M Expoxy, Applicatiors & Mixing Nozzles

Scotch-Weld™ Structural Epoxy Adhesives

Load-bearing formulations for metals, rubber, glass and more. With high cohesive strength, each 3M™ structural adhesive bonds high-strength materials and potentially replaces mechanical fasteners and welds. Depending on the adhesive, you can bond metals, wood, rubber, ceramic, composites, engineering-grade plastics, glass, and more.



Features	Color	Container Size/Type	Mixing Ratio	Viscosity	Work Life Minutes @ 23° C (73° F)	Model	Part No.	Min. Order	Case Price
General-Purpose, Rigid Bonds	Clear	48.5 ml. Duo-Pak	1:1	13,000	5 min. @ 20 min. room temp 48 hr. full cure	DP100	**62357514371**	1	**$19.34**
Flame Retardant, UL94 V-0 Certified, Non-Sag	White			80,000	6 min. @ 15 min. room temp 48 hr. full cure	DP100FR	**62353114366**	12	**$31.44**
General-Purpose, Non-Sag	Translucent			95,000	5 min. @ 15 min. room temp 48 hr. full cure	DP100NS	**62326514361**	1	**$24.74**
Very Flexible Colorless	Clear			6,500	5 min. @ 20 min. room temp 48 hr. full cure	DP105	**62328714365**	12	**$29.88**
General-Purpose Flexible Bonds	Gray			55,000	8 min. @ 20 min. room temp 48 hr. full cure	DP110	**62353314313**	1	**$27.09**
	Translucent			50,000			**62356314385**	1	**$27.09**
High-Performance, Very Flexible Bonds	Gray			52,500	25 min. @ 150 min. room temp 7 DAY. full cure	DP125	**62329314371**	12	**$29.88**
	Translucent			15,000			**62329114367**	12	**$29.88**
High-Performance, Flexible Bonds, High Shear and Peel Strength	Gray			80,000	80 min. @ 10 hr. room temp 14 DAY. full cure	DP190	**62355314360**	1	**$27.09**
	Translucent			10,000			**62328614367**	1	**$27.09**
Rigid Potting Compound, Non-Corrosive	Black			12,000	70 min. @ 3 hr. room temp 48 hour. full cure	DP270	**62326614369**	1	**$23.05**
	Clear						**62326214368**	1	**$23.05**
Tough Durable Bonds, High Impact Resistance	Off White	50 ml. Duo-Pak	2:1	30,000	20 min. @ 2 hr. room temp 24 hour. full cure	DP420	**62328014360**	1	**$37.70**
	Black						**62277814364**		**$27.01**
Tough Durable Bonds Non-Sag	Black			180,000	20 min. @ 2 hr. room temp 24 hour. full cure	DP420NS	**62329914360**	1	**$39.71**
High-Performance, Very Flexible Bonds	Gray	3.3 fl. oz.	2:3	80,000	90	2216-B/A	**62221605306**	1	**$54.93**
	Translucent	2 fl. oz.	1:1	10,000	2		**62350805305**	6	**$59.26**
Multi-Purpose Rigid Bonds	Gray			500,000	7	3501-B/A	**3501-B/A**	1	**$61.67**

Static Mixing Nozzles



Efficiently mixes Scotch-Weld™ adhesives in 3M duo-pack cartridges, 1:1 (50 ml) and 2:1 (37 ml & 42 ml).

Description	For Use With	Part No.	Price
EPX™ Mixing Nozzle, Helical Green	1.25 oz. (37mL) and 1.7 oz. (50mL) Cartridges	**62-9154-9148-4**	**$3.23**
EPX™ Mixing Nozzle, Square Gold	1.25 oz. (37mL) and 1.7 oz. (50mL) Cartridges	**62-9171-9153-8**	**$2.70**

Scotch-Weld™ EPX™ Plus II Applicator



Manual applicator. Dual syringe system for use with two-part, high-strength Scotch-Weld™ adhesives. For use with 1:1 50ml, 2:1 37ml and 3:2 43ml cartridges. Works with 50ml, 37ml and 43ml duo-pak epox cartridges. Comes with 1:1 and 2:1 plungers.

Description	Model	Part No.	Price
Scotch-Weld™ EPX™ Plus II Applicator With 1:1, 2:1 & 10:1 Plungers	9170	**62-9170-9932-7**	**$10.97**

LOCTITE Epoxy Adhesives



Hysol® Epoxy Adhesives: Two-Part Epoxy

	Product	Features	Color	Viscosity (cP)	Work/Life	Cure Time	Package Type/Size	Pcs. Per Case	Part No.	Price Each
Clear Bonding	**E-00CL™ Hysol®**	Fast Fixture, Flowable, Multiple Surface Bonding	Clear	10,000	5 min.	24 hours	50 ml. Dual Cartridge	10	**237095**	**$18.75**
	E-00NS™ Hysol®	Fast Fixture, Low Odor, Multiple Surface Bonding	Translucent	100,000	3 min.	24 hours	50 ml. Dual Cartridge	10	**233962**	**$19.29**
Flexible Bonding	**E-40FL™ Hysol®**	Medium Fixture, Multiple Surface Bonding	Opaque Gray	70,000	40 min.	24 hours	50 ml. Dual Cartridge	10	**237102**	**$21.02**
	E-90FL™ Hysol®	Extended Work Life, Multiple Surface Bonding	Opaque Gray	40,000	90 min.	24 hours	50 ml. Dual Cartridge	10	**219298**	**$19.11**

MOMENTIVE RTV Silicones: 1-Part & 2-Part Adhesives

Primer

Features	Specific Gravity	Solid Contents	Solvents	Dry Time	Use with:	Size	Min. Order	Part No.	Price Each
General-purpose, pink primer. Meets MIL-A 46106B, MIL-A-46146B, MIL-S-23586E.	0.85	15%	Acetone, Isopropanol, Xylene, N-butanol	30 min.	1- & 2-Part Condensation Cure	1 Pint	—	**SS4004P**	**$82.40**
General-purpose, clear primer. Can be used in food contact applications. Meets MIL-A 46106B, MIL-A-46146A MIL-A-46146B, MIL-S-23586E. Best for optical clarity.	0.82	3%	Ethanol, Methanol	30 min.	1- & 2-Part Addition Cure	1 Pint	6	**SS4120**	**$33.38**
General-purpose, blue primer. Forms chalky white haze when dry.	0.85	10%	Mineral Spirits	30 min.	All cure types	1 Pint	6	**SS4155-1P**	**$85.86**

RTV Silicone Selection Chart

Find more silicones at www.Techni-Tool.com

When to use 1-Part:
- As an adhesive
- Thin section potting (less than 1/4" thick)

When to use 2-Part:
- Adhesive or molding compound
- Thick section potting and encapsulating



- **1-Part RTV**
  - **General Use**
    - **Paste**
      - **High Temp.** — **RTV106** — -75°F to 500°F; meets MIL-A-46106; FDA/UL
      - **General** — **RTV102**, **RTV103**, **RTV108** — High-performance assembly; MIL-A-46106B; FDA/NSF; UL File no. E-36952
    - **Flowable** — **RTV112**, **RTV118** — High-performance assembly; MIL-A-46106B; FDA/NSF; UL File no. E-36952
  - **Non-corrosive**
    - **Paste**
      - **RTV6708** — Economical; UL HB recognition
      - **RTV5818**, **1035** — Fast cure; marine application; UL HB recognition
      - **RTV162** — UL File no. E-36952; MIL-A-46146
    - **Flowable** — **RTV160** — Special order only; thin section potting; UL File no. E-36952; UL HB recognition
- **2-Part RTV**
  - **Paste** — **High Temp.** — **RTV88** — -65°F to 500°F
  - **Flowable**
    - **General**
      - **RTV11** — UL File no. E-36952; MIL-A-46146
      - **RTV12A** — Primerless adhesion; curing agent required; RTV12C-1P; UL94HB recognized
    - **High Temp.** — **RTV60** — -65°F to 500°F; ideal for aerospace
    - **High Strength** — **RTV630** — Very high strength
    - **Optically Clear** — **RTV615** — Optically clear; ideal for solar cell potting

Economical silicones for all industries. Temp. range: -75°F to 400°F.

General Use (1-Part) *85 ml. = 2.8 oz. 300 ml. = 10.1 oz.*

Features	Tack Free Time	Dielectric Strength	Dielectric Constant	Elongation	Hardness (Shore A)	Tensile Strength (psi)	Viscosity	Form	Color	Size	Min. Order	Part No.	Price Each
High-strength; High-performance assembly; acetoxy cure; MIL-A-46106B; UL File no. E-36952; FDA/NSF	20 min.	500 V/mil	2.8 @ 60 Hz	450%	400	30	400 g./min.	Paste	White	2.8 oz. Tube	1	**RTV102**	**$11.43**
										10.1 oz. Cartridge	24	**RTV102**	**$18.00**
									Black	2.8 oz. Tube	1	**RTV103**	**$11.43**
										10.1 oz. Cartridge	24	**RTV103**	**$22.12**
									Translucent White	2.8 oz. Tube	1	**RTV108**	**$8.50**
										10.1 oz. Cartridge	1	**RTV108**	**$13.00**
		400 V/mil	2.8 @ 60 Hz	325%	325	25	20,000 cps	Flowable	White	2.8 oz. Tube	1	**RTV112**	**$59.00**
									Translucent White	2.8 oz. Tube	1	**RTV118**	**$55.05**

MOMENTIVE RTV Silicones: 1-Part & 2-Part Adhesives

Non-Corrosive Use (1-Part)

Safe for use on sensitive electronics. Excellent for bonding capacitors, resistors and integrated circuits to PCBs. Seals fraying surfaces and connectors. Temperature range: -75°F to 400°F.



Special Applications (1-Part)

High temperature, flame retardant, high strength (resists ozone and chemicals) and thermally conductive. Suitable for all industries.

Features	Tack-Free Time	Dielectric Strength & Constant	Elongation	Tensile Strength (psi)	Hardness (Shore A)	Viscosity	Color	Size	Min. Order	Part No.	Price
Non-Corrosive Use (1-Part)											
Alkoxy neutral cure; UL File no. E-36952; MIL-A-46146, group 1, type 1. Paste.	240 min.	450 V/mil; 2.8 @ 60 Hz	400%	550	35	350 g./ min.	White	2.8 oz. Tube	1	**RTV162**	**$22.14**
								10.1 oz. Cartridge	1	**RTV162**	**$51.24**
High strength, alkoxy neutral cure, UL File no. E-36952, UL HB recognition, MIL-A-46146, group 1, type 1. Paste.	240 min.	500 V/mil; 2.8 @ 60 Hz	600%	800	37	180 g./ min.	Grey	2.8 oz. Tube	12	**RTV167**	**$60.09**
								10.1 oz. Cartridge	1	**RTV167**	**$120.49**
Excellent chemical resistance, fast cure, marine application, modified alkoxy (neutral) cure, UL HB recognition, UL File no. E-36952. Paste.	15 min.	425 V/mil; 2.8 @ 100 Hz	500%	275	21	480 g./ min.	Clear	2.8 oz. Tube	12	**1035**	**$20.00**
								10.1 oz. Cartridge	1	**RTV5818**	**$27.30**
Economical, high strength, modified alkoxy (neutral) cure, UL HB recognition, UL File no. E-36952. Paste.	25 mi.	409 V/mil; 2.9 @ 100 Hz	450%	225	18	175 g./ min.	Clear	2.8 oz. Tube	1	**RTV6708**	**$11.43**
								10.1 oz. Cartridge	24	**RTV6708**	**$18.93**
Fast cure, alkoxy neutral cure, MIL-A-46146, group 1, type 1, UL HB recognition, UL File no. E-36952. Flowable.	10 mi.	560 V/mil; 2.9 @ 60 Hz	360%	156	20	50,000 cps	Clear	3.5 oz. Tube	20	**TSE397C-100G**	**$38.00**
Special Applications (1-Part)											
High temp: -75°F to 400°F, acetoxy cure, UL File no. E-36952, meets MIL-A-46106 (group 1, type 1), FDA 21 CFR 177.2600. Paste.	25 min.	500 V/mil; 2.8 @ 60 Hz	400%	375	30	400 g./ min.	Red	2.8 oz. Tube	12	**RTV106**	**$32.00**
Non-corrosive, flame retardant, alkoxy cure, UL File no. E-36952, UL V-1 and V-0 recognition. Paste.	60 min.	500 V/mil; 2.8 @ 60 Hz	250%	650	45	650 g./ min.	Black	10.1 oz. Cartridge	1	**RTV133**	**$78.58**
Excellent weatherability, resists ozone and chemicals, high strength, acetoxy cure. Paste.	45 min.	525 V/mil; 2.9 @ 60 Hz	825%	975	28	155 g./ min.	Gray	2.8 oz. Tube	12	**RTV157**	**$75.00**
Thermally conductive (0.83 W/m • °K), neutral cure, flame retardant, UL-94 V-1 recognized (file ES6745), MIL-A-46146B (corrosion only)	5 min.	560 V/mil 4 @ 60 Hz	100%	426	60	Paste	White	5.3 oz. Tube	20	**TSE3941-150G**	**$810.00**
								10.5 oz. Cartridge	20	**TSE3941-333ML**	**$810.00**

Adhesives

DOW CORNING

3145 RTV MIL-A-46146 Adhesive Sealant

Use for sealing openings in modules and housings, assembly of components on PCBs, and around wired and electrical leads. Non-flowing with high tensile strength and elongation. No mixing required.



Specifications:

- MIL-A-46146 Group II, TY I
- Faster in-line processing with optional heat acceleration
- Dielectric Strength: 500 V/mil
- Elongation: 680%
- Hardness: 47 A

Color	Cure Time	Size	Part No.	Price Each
Clear	48 Hours @ Room Temp.	3 oz. Tube	**RTV-3145-3-OZ-CLEAR**	**$46.16**
		10.3 oz. Cartridge	**RTV-3145-10-3-OZ-CLEAR**	**$110.92**
Gray		3 oz. Tube	**RTV-3145-3-OZ-GRAY**	**$46.16**
		10.3 oz. Cartridge	**RTV-3145-10-3-OZ-GRAY**	**$126.50**

Devcon



14210

5-Minute Epoxy

Rapid-curing, general-purpose adhesive/ encapsulant. Fixtures in five minutes or less. Functional strength in one hour. Forms a clear, hard, rigid bond self-leveling liquid in minutes. 100% reactive, no solvents.



14250

Size	Part No.	Price Each
25ml. Dev-Tube	**14250**	**$6.86**
1-1/4 oz. Tube	**14210**	**$17.28**

Specifications:

- Hardness: 85Shore D
- Material compatibility: metal, glass, ceramic, concrete, wood
- Mix ratio: 1:1
- Color: clear
- Viscosity: 10000cP

99% Isopropyl Alcohol

Techni-Tool TECHSPRAY Chemtronics TEXWIPE

FIND MORE ONLINE

Our full selection of IPA and other chemicals can be found at www.Techni-Tool.com

Manufacturer	Size	Part No.	Price
Techni-Tool	Pint	**758CH775**	**$9.44**
Techspray	Pint	**1610-P**	**$11.83**
Techspray	12 oz.	**1610-12S**	**$9.65**
Techni-Tool	Gallon Bottle	**TST-IPA-1G**	**$27.81**
Techspray	Gallon Bottle	**1610-G4**	**$31.90**
Techspray	5 Gallon	**1610-5G**	**$131.51**
Techspray	100 Wipes In Flip-Top Tub	**1610-100R**	**$31.33**
Techspray	100 Wipe Refill	**1610-100FL**	**$33.36**
Techspray	50 Wipes Individually Wrapped	**1610-50PK**	**$28.61**
Texwipe	Pint (Spray Bottle)	**TX161**	**$6.55**
Texwipe	Gallon Bottle	**TX111**	**$27.02**
Techspray	100 Wipes In Pop-Up Container	**1610-100DSP**	**$31.09**
Chemtronics	50 Pads, 91% Alcohol	**CP400**	**$34.59**

Surprisingly strong cleaner for many surface contaminants.

Excellent for light oils, grease, fingerprints, fluxes, inks, pastes, and more. Safe for electronic and mechanical assemblies, stencils, ceramics, glass, recording heads, and plastics. Ozone-safe, non-corrosive, fast-drying, leaves no residue.



Techni-Tool Dusters, Freezers and Cleaners

Tech Duster® Inert Dusting Gas

High-pressure spray reaches the most inaccessible areas. Will not scratch or abrade sensitive surfaces. Leaves no residual film. Moisture-free, non-toxic, non-corrosive, non-flammable. Completely safe to use with all materials. No ozone depletion, CFC's or HCFC's! Contains-HFC (134A). Safe Pressure-81 PSI pressure. Meets federal specs BB-F-1421. Filtered to 0.3 microns.

Description	Part No.	Price
10 oz. Disposable Can & Nozzle	**758OZ134**	**$9.50**
15 oz. Disposable Can & Nozzle	**758OZ153**	**$12.35**
Tech Duster® System Includes Chrome Valve Nozzle & 10 oz. Can Of Tech Duster®	**758OZ140**	**$49.61**
Refill Can Only For Tech Duster® System	**758OZ137**	**$12.48**



758OZ140

Freezer

Chills to -62°F (-52°C) without any residue or damage to ozone. Non-flammable. 10 oz. aerosol.

Description	Part No.	Price
Freezer	**758CH1672**	**$6.95**



VALUE+ Flux Remover

Solvent for rosin and no-clean flux. Ultra-pure blend of water-free alcohols delivers more cleaning power. Easily dissolves most flux and organic residues, solder pastes and oils. No rinsing. Safe on all materials and substrates. Non-corrosive, ESD-safe. 12 oz. aerosol.

Description	Part No.	Price
VALUE+ Flux Remover	**758CH752**	**$10.00**



Big Blast™ Tech Duster®

Exceptionally pure, moisture-free, inert dusting gas. High velocity removes microscopic particles from all types of electronic equipment without the use of harmful solvents. Use where short blasts of large volumes of air are required. Quad-filtered, non-flammable, non-ozone depleting and leaves no residue. Filtered to 0.3 microns. 10 oz. can.

Description	Part No.	Price
Big Blast™ Tech Duster®	**758CH697**	**$16.00**

Contact Cleaner

A mild precision cleaner for light rinsing of electrical and electronics devices. Designed to flush away contamination more than dissolve it, this cleaner can gently remove light grease, oils, dust and lint, some fingerprints, and light coatings of organic and inorganic contamination. Can be used on electronic assemblies, electrical connectors and devices, mechanical parts, plastics and rubber. Dries relatively slowly but leaves no residue, so it's safe to use in hard-to-reach places. Flammable – allow all components to dry thoroughly. 12 oz. aerosol.

Description	Part No.	Price
Contact Cleaner	**758CH741**	**$10.51**



Electro-Cleaner Electronics Cleaner

For light-duty cleaning of electronic and electrical equipment, machinery and metal parts. Non-ozone depleting cleaner is non-corrosive and safe on plastics. Evaporates quickly, leaves no residue. 10 oz. aerosol.

Description	Part No.	Price
Electro-Cleaner Electronics Cleaner	**758CH1620**	**$8.62**



Non-Flammable Rosin Flux Remover

Exceptional performance on all types of rosin flux. Dries instantly with little aroma. Ideal for heavy-duty SMT defluxing, degreasing and removing conformal coatings. May affect ABS, polystyrene and polycarbonates – test before using. Non-flammable. 12 oz. aerosol.

Description	Part No.	Price
Non-Flammable Rosin Flux Remover	**758CH763**	**$15.67**



Flux Removers

Techspray Flux Removers

Removes no-clean and rosin-based residues off of printed circuit boards in electronic repair and production. Not for vapor degreasing or ultrasonics.

E-Line – Very strong cleaner, economical but flammable. 22°F flashpoint.

G3 – Very strong cleaner, most economical non-flammable.



BEST SELLER

>>> FIND MORE ONLINE

ECO-dFluxer™ SMT 100 In-Line Defluxer is now available for bulk purchase at www.Techni-Tool.com

Features	1621 E-Line	1631 G3	1634 G3 - No Clean
Cleaning Strength	Best	Best	Best
Plastic-Safe	Best	Better	Better
Ozone-Safe	Yes	Yes	Yes
VOC (EPA)	75%wt	60%wt	60%wt
Toxicity (TLV)	200 ppm	200 ppm	200 ppm
Residue-Free	Yes	Yes	Yes
Residues Cleaned:			
Rosin-Based	Best	Best	Better
No-Clean	Better	Better	Best
Size	10 oz. Aerosol	16 oz. Aerosol	12 oz. Aerosol
Part No.	**1621-10S**	**1631-16S**	**1634-12S**
Price	**$16.97**	**$31.28**	**$29.45**

MicroCare Flux Removers

MicroCare flux removers offer a wide range of answers for cleaning RMA fluxes, water-based fluxes, no-clean fluxes and lead-free fluxes, while accommodating different materials of construction, local environmental rules, worker safety concerns and cleaning processes. Fast-drying, ozone-safe, residue-free solvents for circuit board cleaning.



	Polar Flux Remover	Lead-Free PowerClean	Heavy Duty SuprClean
Primary Function	Heavy cleaning for aged flux, paste residues.	Defluxer for lead-free solder paste residues. The strongest defluxer/ degreaser, period.	Very powerful defluxer and degreaser, for fast, effortless cleaning.
Primary Chemical or Ingredient	Organic solvents	HFC and trans solvents	HFC and trans solvents
Aroma	Acetone	Slight	Very Slight
Toxicity (TLV or AEL)	190	200 (est.)	256 (est.)
Flammability	Flammable	Nonflammable	Nonflammable
Removes Fluxes	Best on both tin/ lead and lead-free	Best lead-free	Very good
Removes Other Residues Very Well	Inks, fingerprints, oxides, grease and oils	Grease, oils, fingerprints	Grease, oils
Plastic-Safe	No	No	No
Drying Speed	Slow	Very fast	Very fast
Suitable for Use in Heated Cleaning System	No	No	No
Package Size	10 oz. Aerosol	10 oz. Aerosol	12 oz. Aerosol
Part No.	**MCC-PFR10A**	**MCC-PW210A**	**MCC-SPR**
Price	**$15.95**	**$24.95**	**$28.50**

Chemtronics Flux Off

Flux-Off® products are specially formulated to remove all types of rosin (types R, RA, and RMA), no-clean, water-soluble and synthetic (type SA) flux. Flux remover spray can spray in any direction, even upside down.



Key:
- Not recommended
- Good
- Excellent

>>> FIND MORE ONLINE

View our full selection of chemicals and adhesives at www.Techni-Tool.com

Name	*Residues Cleaned*: Rosin-Based*	No-Clean SA-Synthetic	Water-Soluble	*Features*: Removes White Residue	Plastic-Safe	Flammable	HCFC-225	*Cleaning Methods*: Dries Fast	Aerosol Spray	BrushClean™ System	Hand Cleaning	Vapor Degreasing	Ultrasonics	Immersion	In-Line Spray System	Benchtop Spray System	Rinsing Recommended	*Size*	*Part No.*	*Price*
Lead-Free	●	●	●	●		✓		✓	✓	✓	✓			✓		✓		12 oz. Aerosol	**ES1697**	**$23.24**
																		Gallon	**ES197**	**$101.54**
																		6 oz. Aerosol BrushClean™ System	**ES897B**	**$16.70**
Rosin	●	●	●	●	✓	✓		✓	✓	✓	✓			✓		✓		10 oz. Aerosol	**ES1035**	**$24.02**
																		5 oz. Aerosol BrushClean™ System	**ES835B** ◆	**$14.14**
																		10 oz. Aerosol BrushClean™ System	**ES1035B**	**$24.56**
																		12 oz. Aerosol	**ES1696**	**$22.57**
No-Clean Plus	●	●	●	●		✓		✓	✓	✓	✓			✓		✓		Gallon	**ES131** ◆	**$778.68**
																		12 oz. Aerosol	**ES1631**	**$57.35**
Heavy Duty	●	●	●	●				✓	✓	✓	✓	✓	✓	✓		✓		Gallon	**ES132**	**$51.85**

*R, RMA, RA, No-Clean

Techni-Stat® Two-Layer Rubber Mats and Rolls

Get superior static protection wherever highly-sensitive equipment is handled or transported with two-layer, anti-static table and floor mats from Techni-Tool. These mats combine excellent ESD properties and durability, and feature a top layer of static-dissipative rubber laminated to a bottom layer of conductive rubber. They resist oil, grease and hot solder. Use green mats to indicate lead-free work areas. Snaps and cords for rolls must be purchased separately.

BEST SELLER



Standard Mats and Rolls Colors

Blue | Gray | Green

Premium Mats and Rolls Colors

Blue | Gray | Green

Two-Layer Mats Include:
- Two 3/8" (10mm) female snaps and one 15' ground cord.

Standard Mat & Roll Specifications:
- .060" thick
- RTT: 5.8 x 10^7 - 6 x $10^8\Omega$/sq.
- RTG: 5.2 x 10^7 - 5 x $10^8\Omega$/sq.

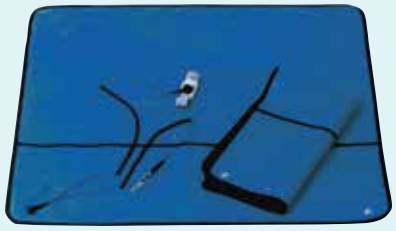
Premium Mat Specifications:
- .080" thick
- RTT: 5.8 x 10^7 - 6 x $10^8\Omega$/sq.
- RTG: 5.2 x 10^7 - 5 x $10^8\Omega$/sq.

Techni-Stat Standard Mats & Rolls

Size/Type	Price	Blue Part No.	Gray Part No.	Green Part No.
2' x 3' table	**$60.00**	**758ST6123**	**758ST6423**	**758ST6223**
2' x 4' table	**$80.00**	**758ST6124**	**758ST6424**	**758ST6224**
2' x 5' table	**$100.00**	**758ST6125**	**758ST6425**	**758ST6225**
2' x 6' table	**$120.00**	**758ST6126**	**758ST6426**	**758ST6226**
2.5' x 3' table	**$84.00**	**758ST1303**	**758ST4303**	**758ST654**
2.5' x 4' table	**$116.27**	**758ST6103**	**758ST6446**	**758ST2304**
2.5' x 5' table	**$124.00**	**758ST6165**	**758ST6435**	**758ST6235**
3' x 4' table	**$136.00**	**758ST6134**	**758ST6434**	**758ST6234**
Techni-Stat Standard Rolls				
2' x 50'	**$650.38**	**758ST612**	**758ST642**	**758ST650**
2.5' x 50'	**$829.11**	**758ST613**	**758ST6430**	**758ST2305**
3' x 50'	**$974.66**	**758ST6135**	**758ST6453**	**758ST2350**

Techni-Stat Premium Mats & Rolls

Size/Type	Price	Blue Part No.	Gray Part No.	Green Part No.
2' x 3' table	**$74.96**	**758ST6523**	**758ST6623**	**758ST2823**
2' x 4' table	**$99.88**	**758ST6524**	**758ST6624**	**758ST2824**
2' x 5' table	**$123.43**	**758ST6525**	**758ST6625**	**758ST2825**
2' x 6' table	**$106.00**	**758ST6526**	**758ST6626**	**758ST2826**
2.5' x 3' table	**$89.00**	**758ST6503**	**758ST6633**	**758ST6233**
2.5' x 4' table	**$123.43**	**758ST6534**	**758ST6634**	**758ST2834**
2.5' x 5' table	**$132.00**	**758ST6535**	**758ST6635**	**758ST2835**
3' x 4' table	**$144.00**	**758ST534**	**758ST634**	**758ST6834**
Techni-Stat Premium Rolls				
2' x 40'	**$550.90**	**758ST65240**	**758ST66240**	**758ST8240**
2.5' x 40'	**$698.29**	**758ST5304**	**758ST6304**	**758ST3040**
3' x 40'	**$827.27**	**758ST5340**	**758ST6340**	**758ST8340**



Field Service Kits

For removing static charges at work as well as in the field. Special tri-layer vinyl laminate delivers 10^6 to $10^9\Omega$/sq. resistivity. Mats measure 24" L x 24" W and features two 12" x 8" pockets, 8' and 10' grounding cords and an adjustable wrist strap. Folds into a compact package that fits right in your tool kit. 0.01 second static decay.

Color	Size	Part No.	Price
Red	24" (L) x 24" (W)	**758ST1724**	**$60.55**
Blue	24" (L) x 24" (W)	**758ST1725**	**$60.55**

SCS Dissipative Rigid WorkSurface 8300 Series

Hard, non-glare, laminated worksurface. Resists staining, scorching, common solvents and abrasions. Color: gray.

Mat & Roll Specifications:
- .040" thick
- <$10^9\Omega$/sq.

Mats Include:
- Two 3/8" (10mm) snaps
- One 15' ground cord

Size/Type	Part No.	Price
2' x 4' floor	**10382**	**$224.87**



MILLER® Softy® Anti-Static Work Mats

Specially designed cushioned surfaceto protect delicate assemblies and make small parts handling easier and quicker. Ideal for cleanrooms, laboratories, and electronic component assembly lines. Non-slip backing. Snap not included.

Mat & Roll Specifications:
- .062" thick
- <10^{10} - $10^{1}\Omega$/sq.

Size	Part No.	Price
11" x 14"	**46180**	**$8.05**
14" x 22"	**46183**	**$8.00**

Techni-Stat® Three-Layer Vinyl Mats and Rolls

Three-layer mats combine a top dissipative vinyl layer with a conductive carbon middle layer and dissipative foam bottom layer. (Appearance of mats may vary by lot.)

Standard Roll Specifications:
- .120" thick
- <$10^8\Omega$/sq.

Preumium Mat Specifications:
- .080" thick
- <$10^7\Omega$/sq.

Mats Include:
- Two 3/8" (10mm) female snaps
- One 15' ground cord
- Snaps and cords for rolls must be purchased separately.



Techni-Stat Premium Mats & Rolls

Size/Type	Blue	Gray	Price
2' x 3' table	758ST1054	758ST1385	$61.86
2' x 4' table	758ST1123	758ST1344	$79.17
2' x 5' table	758ST2460	758ST4460	$83.00
2' x 6' table	758ST2472	758ST4472	$90.00
2.5' x 3' table	758ST3363	758ST4336	$91.00
2.5' x 4' table	758ST348	758ST4048	$118.27
2.5' x 5' table	758ST3060	758ST3460	$118.00
3' x 4' table	758ST3648	758ST4848	$117.00
2' x 50' roll	758ST2955	758ST2956	$619.92
2.5' x 50' roll	758ST2961	758ST2962	$924.60
3' x 50' roll	758ST2951	758ST2952	$1,105.50
4' x 50' roll	105ST6732	758ST2964	$1,270.58

Techni-Stat Standard Rolls

Size/Type	Blue	Price
2' x 50' roll	758ST4250	$706.28
2.5' x 50' roll	758ST4225	$879.61
3' x 50' roll	758ST4350	$1,067.52
4' x 50' roll	758ST4450	$1,378.17

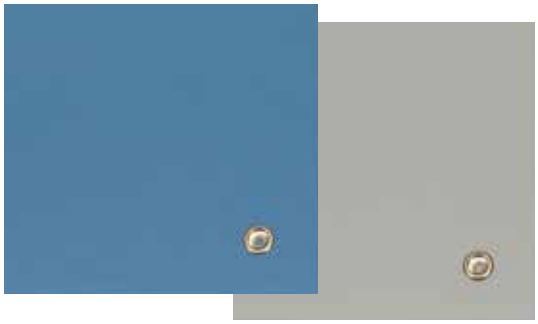
FIND MORE ONLINE
Additional mats and accessories can be found at www.Techni-Tool.com

Solid Vinyl Dissipative Mats & Rolls

Single-layer mats offer durability and performance at the most affordable price. Soft, flexible, reversible and easy-to-cut to specific sizes. Use to prevent static damage anywhere highly-sensitive equipment and products are handled or transported. Solid vinyl mats & rolls exceed both EOS/ESD and Department of Defense requirements.

Mat & Roll Specifications:
- .90" thick
- <10^6 - $10^{10}\Omega$/sq.

Mats Include:
- Two 3/8" (10mm) snaps
- One 10' ground cord
- Snaps and cords for rolls must be purchased separately.



Techni-Stat Solid Vinyl Mats & Rolls

Size/Type	Blue	Gray	Price
2' x 3' table	758ST5123	758ST2236	$88.72
2' x 4' table	758ST5124	7548ST2448	$110.00
2' x 5' table	758ST5150	–	$175.00
2' x 6' table	758ST5126	–	$173.38
2.5' x 3' table	758ST5333	–	$90.00
2.5' x 4' table	758ST5130	758ST3348	$118.27
2.5' x 5' table	758ST5305	758ST3360	$149.00
3' x 4 table	758ST5134	758ST3348	$156.00
2' x 50' roll	758ST5125	758ST4600	$847.01
2.5' x 50' roll	758ST1305	–	$1,246.14
3' x 50' roll	758ST513	–	$1,442.99
4' x 50' roll	758ST1450	–	$1,999.00

Contamination Control Mats

Adhesive-coated disposable mats reduce dirt and contaminants being tracked into your cleanroom environment. Tacky adhesive captures foreign particles without coating your shoes. Each mat can last weeks depending on traffic and layers are numbered to alert you when you need a new one.

Features:
- 30 layers of adhesive coated polyethylene
- Full surface adhesive on bottom pad prevents pad from moving
- Easy-release tabs
- Blue

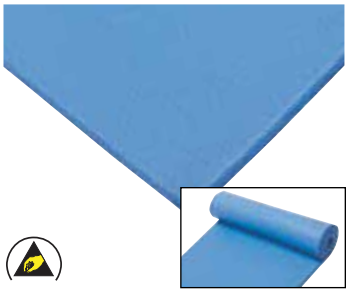


Size	Part No.	Price
24" x 36"	758ST6923	$23.89
26" x 45"	758ST6945	$28.59

Energy Absorbing Three-Layer Vinyl Vibration Mat

High-quality type "O" energy-absorbing, static-safe three-layer rolls. This 3/8"-thick disk drive mat cushions equipment against vibration and shock on benches, cart, tray or shelves. Soft vinyl foam can be hard cut or die cut. Meets ANSI/ESD, EIA-625 and S20.20 ESD standards.

Specifications:
- RTT: 10^6 to $10^8\Omega$/sq
- RTG: 10^6 to $10^8\Omega$/sq
- Thickness: 3/8"
- Does not include grounding hardware



Size	Part No.	Price
30" x 60"	758ST5430	$1,584.45
3' x 60'	758ST5436	$1,667.21

ESD Anti-Fatigue Mats

ESD anti-fatigue mats let you stand comfortably for long periods with minimum stress.

Vinyl mats offer the most durability and are available with embossed surfaces for specific applications. Vinyl foam mats are thicker and more comfortable. Vinyl/rubber-blend mats feature the comfort of rubber on top and a tough vinyl bottom. Rubber mats are thickest and feel springy when walked on.

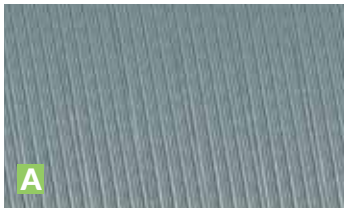
Includes:

- Techni-Stat Anti-Fatigue Mats: 3/8" (10mm) female snap and 10' ground cord.
- Wearwell Anti-Fatigue Mats: 3/8" (10mm) female snap only.
- SCS Anti-Fatigue Mats: 3/8" (10mm) female snap and 15' ground cord.

FIND MORE ONLINE

Our full selection of mats and accessories can be found at www.Techni-Tool.com

Techni-Stat



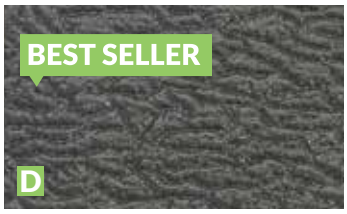
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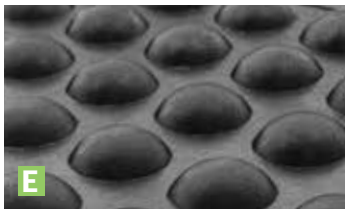
Techni-Stat



Techni-Stat



Techni-Stat



SCS



WEARWELL



Techni-Stat



Techni-Stat



	Description	Features	Thickness	Resistance	Size	Color	Part No.	Price
A	Techni-Stat V-Grooved Vinyl Floor Mat	Slip-Resistant V-Groove Pattern	0.125"	< $10^{10}\Omega$/sq.	3' x 5'	Gray	**758ST535**	**$138.51**
					3' x 60'	Gray	**758ST068**	**$1,301.14**
					4' x 60'	Gray	**758ST070**	**$1,645.12**
B	Techni-Stat Vinyl Foam Floor Mat	Textured Slip-Resistant Surface; Economical	0.375"	< $10^{10}\Omega$/sq.	3' x 5'	Gray	**758ST560**	**$122.98**
					3' x 60'	Gray	**758ST062**	**$1,172.04**
C	Techni-Stat Vinyl Foam Floor Mat	Smooth Top With Soft Foam Backing	0.375"	< $10^{8}\Omega$/sq.	2' x 3'	Black	**758ST572**	**$126.08**
					3' x 5'	Black	**758ST537**	**$286.37**
					3' x 25'	Black	**758ST7323**	**$1,275.00**
D	Techni-Stat Vinyl/Rubber Floor Mat	Lasts 3X Longer Than Vinyl; Pebble Texture	0.375"	< $10^{10}\Omega$/sq.	2' x 3'	Gray	**758ST702**	**$62.76**
					3' x 5'	Gray	**758ST703**	**$127.76**
					4' x 60'	Gray	**758ST705**	**$1,780.00**
E	Techni-Stat Soft Foot Rubber Floor Mat	Conductive Vulcanized Rubber; Domed Surface For Added Comfort	0.50"	RTT – 10^{3} to $10^{6}\Omega$; RTG – 10^{3} to $10^{6}\Omega$	2' x 3'	Black	**758ST4423**	**$144.95**
F	SCS Rubber Floor Mat 9900 Series	Spring-Like Feel	0.625"	< $10^{6}\Omega$/sq.	3' x 5'	Black	**9900**	**$419.95**
					3" x custom length	Black	**105ST9910**	**$107.45**
G	Wearwell Electrically Conductive Anti-Fatigue Smooth Surface	Reduces Worker Fatigue. Quickly Drains Static To Protect Sensitive Equipment	0.50"	RTG-5 x 10^{4} to 1 x $10^{6}\Omega$/sq.; RTT-5 x 10^{5} to 1 x $10^{7}\Omega$/sq.	2' x 3'	Black	**786-916X2X3SMBK**	**$118.44**
					3' x 5'	Black	**786-916X3X5SMBK**	**$279.88**
H	Techni-Stat Diamond Vinyl Floor Mat	Diamond Pattern On Surface For Traction	0.562"	< $10^{6}\Omega$/sq.	2' x 3'	Black	**758ST402**	**$129.86**
					3' x 5'	Black	**758ST403**	**$278.03**
					3' x 25'	Black	**758ST4032**	**$1,429.28**
I	Techni-Stat Sponge Rubber Floor Mat	More Comfortable; Slip/Soil Resistant	0.625"	< $10^{6}\Omega$/sq.	3' x 5'	Black	**758ST3500**	**$470.68**
					3' x 6'	Black	**758ST3600**	**$522.54**

Fasteners & Snaps

Techni-Stat

Push-and-Clinch Snaps - 3/8" (10mm)

Ideal for multi-layer rubber or vinyl mats. The pronged socket makes installing studs quick and easy. 20/Pk.





Description	Part No.	Price Per Pack
A Socket	758ST867	$40.76
B Stud	758ST868	$40.76

Snaps with Rivets - 3/8" (10mm) Snaps

3/8" (10mm) snaps with rivet for grounding work mats. 100/PK.





Description	Part No.	Price Per Pack
C Male	758ST848	$23.12
D Female	758ST849	$23.12

Universal Snap Kit - 3/8" (10mm)

Fast and easy way to install 3/8" (10mm) snaps on soft workstation materials. Two screws provided for a wide range of thicknesses. Includes 3/8" (10mm) stud and 3/8" (10mm) socket.



Description	Part No.	Price
Universal Snap Kit	758ST986	$2.54

Heavy-Duty Snap Tool - 3/8" (10mm)

For field installation snaps, sockets or studs. 8" long handle makes it easy to use.



Description	Part No.	Price
Heavy-Duty Snap Tool	758ST205	$48.00

ECLIPSE



Snap Plier

Ideal for 12mm-15mm snaps on static-dissipative mats, tarps, canvas and more. Steel die-set contains both male stud and eyelet, and female cap and socket snaps. Ergonomic, lightweight aluminum handles save up to 65% operator effort and reduce fatigue. Includes hex wrench for adjusting die.

Description	Part No.	Price
Snap Plier, 7" OAL	CP-386	$17.50

Grounding Blocks

Techni-Stat

Low Profile Common Point Ground - 3/8" (10mm) Male Snap



BEST SELLER

Two workers can use the same ground for wrist straps, snaps on any 3/8" (10mm) female. Grounds mat and worker at the same time.

Description	Part No.	Price
10mm male snap; 1 MΩ resistor; 10' long cord; #10 terminal ring	758ST0010	$13.70

Common Point Bench Ground



Features dual banana jacks for two wrist straps. Fits standard coil cords. 1/8" (4mm) snaps for parking when not in use. (USA)

Description	Part No.	Price
1/8" (4mm) snaps; 10' ground to #10 ring terminal	758ST9743	$17.50

Dual Bench Mount Ground



Two workers can use the same ground. Mounts under workbench to save workspace. Two banana jack receptacles for wrist straps and two parking studs for cords.

Description	Part No.	Price
10' long wire to #10 ring; no resistor	758ST007	$13.30

SCS

Wrist Strap/Table Mat Grounding System



Easily snaps onto mats and runners 3/8" (10mm) snap. Grounds two single conductor wrist straps.

Description	Part No.	Price
1 MΩ resistor, 15' ground cord & ring connector	3048	$27.76

Laminate Grounding System



Common point ground system for benches with laminate tops. Includes one grounding bolt assembly with single wrist strap banana jack connection terminal.

Description	Part No.	Price
1 MΩ resistor, 10' ground cord & ring terminal	3044	$17.70

Common Point Grounding System



Ground workstation components. Single-row, six-terminal strip, protective cover, three cable clips.

Description	Part No.	Price
1 MΩ resistor	3047	$45.17

Wrist Strap Grounding System



Grounds two single conductor wrist straps and conveniently mounts beneath the edge of most workbenches.

Description	Part No.	Price
10' grounding cord & mounting hardware	3042	$28.74

Table/Floor Mat Grounding Cords

3/8" Snap, Molded Dome Cap

Molded dome cap reduces tripping and chairs getting snagged.





Manufacturer	Description	Part No.	Price
A Techni-Stat	10' Cord, 1 Male Snap, No resistor, Black	758ST150	$11.50
B SCS	15' Cord, 1 Male Snap, 1 MΩ Resistor, Black	3040	$17.12

Grounding Cords for SCS Workstation Monitor 724



Manufacturer	Description	Part No.	Price
SCS	6' Replacement Cord, 1 Male Snap, Resistor Diode, Black, SCS 2380D	2380D	$20.11
C SCS	10' Interconnect Cord, 2 Male Snaps, No Resistor, Black, SCS 2389	2389	$19.45

TestEquity ESD Two-Ply Premium Rubber Mat Rolls

This exceptional two-ply static-dissipative mat is manufactured from premium NBR rubber for long-lasting life. Resistant to hot solder, this product has great lay-flat properties. The top layer is backed by a conductive bottom layer for outstanding electrical properties.



0.080" Thick		Blue	Royal Blue	Green	Gray
Size	Price	Part No.	Part No.	Part No.	Part No.
24" x 50'	$450.00	TST-MT4524B	TST-MT4524RB	TST-MT4524G	TST-MT4524GY
30" x 50'	$562.50	TST-MT4530B	TST-MT4530RB	TST-MT4530G	TST-MT4530GY
36" x 50'	$675.00	TST-MT4536B	TST-MT4536RB	TST-MT4536G	TST-MT4536GY
48" x 50'	$900.00	TST-MT4548B	TST-MT4548RB	TST-MT4548G	TST-MT4548GY

Features:
- 0.080" thick
- Roll length: 50'
- Constant monitor compatible

BEST SELLER

- Rtt - 10^6-10^8 Ω
- Rtg -10^6-10^8 Ω per EOS/ESD S4.1

ESD Three-Ply Premium Vinyl Mat Rolls

This three-ply construction mat is ideal for use in static-safe workstations. The conductive buried fleece increases dimensional stability and lay-flat qualities of the mat.

Features:
- 0.125" thick
- Resistance ESD S4.1-1997: 1.0
- Static Decay: < 0.01 second (FTS 101C, Method 4046.1)
- Resistance ESD S4.1-1997: 1.0×10^7 – 7.0×10^8 (@ 100V)
- Constant monitor compatible
- Available in blue

BEST SELLER



0.125" Thick	50' Roll		100' Roll	
Dimensions	Part No.	Price	Part No.	Price
24"	TST-S1512-24600	$579.60	TST-S1512-241200	$1,137.25
30"	TST-S1512-30600	$919.00	TST-S1512-301200	$1,617.00
36"	TST-S1512-36600	$955.00	TST-S1512-361200	$1,758.82
48"	TST-S1512-48600	$1,196.08	TST-S1512-481200	$2,250.00

Adjustable Wrist Straps

Featuring an adjustable fabric wristband, retractable coil cord, 4mm snap. The band is blue and the cord is black. 1 megΩ resistor.



Description	Part No.	Price
Standard 6' Cord	TST-WRISTSTRAP	$7.99
Standard 12' Cord	TST-WRISTSTRAP12	$9.99

Heel Grounders

Nylon polyester grounding tab. Dual-layer rubber. 1 MegΩ buried resistor. Rubber exterior is <10^5 Ω and is 1.25" (W).



Description	Part No.	Price
Black, Non-Marking	TST-HEELSTRAP	$7.25
Blue, Non-Marking	TST-HEELSTRAP-BLUE	$7.25

Wrist Strap Monitoring System



This unit is a small and precise device for constant monitoring of standard single conductor wrist grounding straps, with audio/visual alarm features. 1 MegΩ resistor, & ground connection. Includes: 1 grounding wire, 2 mounting screws and 1 AC/DC class 2 adapter.

Description	Part No.	Price
6V Battery, NIST Certified	TST-S2221	$49.95

DESCO Two-Ply Tray Liners

Desco's Statfree® T2 worksurface mat is a 0.060" thick, two-ply, dissipative rubber material that are cut to fit 16" x 24" trays. The Statfree® T2 material is manufactured with high-strength nitrile rubber that is designed to withstand abrasion, stretching, and tearing.

Features:
- Mats are 0.060" thick
- Dissipative Top Layer Rtt: 1×10^6 to < 1×10^9 Ω RTT
- Bottom layer< 1×10^4 RTT
- Lead-free RoHS compliant

RoHS COMPLIANT



0.060" Thick		Blue	Dark Blue	Dark Gray	Green
Dimensions	Price	Part No.	Part No.	Part No.	Part No.
16" x 24"	$33.49	66125	66126	66127	66128

MFG TRAY ESD Tray

ESD trays readily integrate with automatic conveyors and assembly lines. Trays offer permanent ESD properties and ratings over the life of the tray. Outer dimensions: 25-3/4" (L) x 17-7/8" (W) x 1-1/8" (H). Inner dimensions: 25-3/8" (L) x 16-1/4" (W) x 1" (H).

BEST SELLER



Description	Part No.	Price
ESD Tray	332000-5167	$27.63

SCS Dual Conductor Monitors & Accessories

1) Pick Your Workstation Monitor

724 Dual Conductor Workstation Monitor

Continuously monitors the resistance of the operator and worksurface ground connections. The monitor uses a reliable resistance method that actually includes the operator's skin resistance to determine if the system is operating properly. Comes with 732 remote jack, mounting hardware and AC adapter. Wrist straps must be purchased separately.





724VK2 Verification Kit

Use to perform periodic calibration testing of the 724 Workstation Monitor. Test at various resistance values using the selector knob. Eliminate downtime by verifying on-site that your tester is operating within tolerances.

725 Dual Conductor Portable Wrist Strap Monitor



Small, compact battery-powered unit. Continuously monitors worker and worker's wrist strap, using the same skin resistance method as the 724. Used with the 2300 Series or 4700 Series Dual Conductor Wrist Bands and the 2300 Series Dual Conductor Cords, sold separately.

790 Dual Conductor Wrist Strap Static Monitor



Cost-efficient unit that is small, compact and versatile in its usage, and may be mounted directly onto device handling equipment, testers and auto insertion equipment. Used with the Dual Conductor Wrist Strap and coil cords series 2300VM, sold separately.

Description	*Part No.*	*Price*
Workstation Monitor - Use W/2300 Series Wrist Straps	**724**	**$185.63**
Verification Kit - Includes: (6) 1% Resistor Plugs & Case	**770065**	**$112.68**
Dual Conductor Portable Wrist Strap Monitor - Use W/2300 Wrist Straps	**725**	**$102.35**
Dual Conductor Wrist Strap Static Monitor	**790**	**$95.65**

2) Pick Your Wrist Straps For 724, 725 & 790 Monitors



2368 & 2368V Dual Conductor Fabric Wrist Bands

Two versions are available - one for use with 724 & 725 Monitors and one for use with 790 Monitors. One size adjusts to most wrists to provide reliable protection. The wrist strap features a band made of a silver-plated, monofilament, continuous thread woven together with elastic nylon.



2381, 2382 & 2383 Dual Conductor Metal Wrist Strap

Used with 3M Workstation Monitors. These long-lasting metal expansion bands are for use in cleanrooms and applications requiring extended band life.

Description	*Monitor Type*	*Part No.*	*Price*
Dual Conductor Adjustable Fabric Wrist Band Only	724 & 725	**2368**	**$13.28**
Dual Conductor Adjustable Fabric Wrist Band Only	790	**2368VM**	**$12.40**
Small Dual Conductor Metal Wrist Strap W/5' Cord	724 & 725	**2381**	**$50.23**
Medium Dual Conductor Metal Wrist Strap W/5' Cord	724 & 725	**2382**	**$52.24**
Large Dual Conductor Metal Wrist Strap W/5' Cord	724 & 725	**2383**	**$51.24**
Dual Conductor Thermoplastic Wrist Band Only	724 & 725	**4720**	**$8.10**



4720 Dual Conductor Thermoplastic Wrist Straps

These wrist straps are lightweight and have zipper-style latching that adjusts to any wrist size. Exclusive "comfort bumps" design on the conductive interior insert provides increased contact with the skin and air flow between the band and skin. Used with all 3M Workstation Monitors.

3) Pick Your Cord For 724, 725 & 790 Monitors



Dual Conductor Ground Cords are used with SCS 724, 725 and 790 Workstation Monitors. With a wider grip, it makes them easier to hold when inserting or removing the cord from the remote unit.

Description	*Part No.*	*Price*
Dual Conductor Coiled Cord, 5'	**2360**	**$26.75**
Dual Conductor Coiled Cord, 10'	**2370**	**$31.08**
Dual Conductor Coiled Cord, 20'	**2371**	**$37.94**
Right Angle Plug Dual Conductor Coiled Cord, 5'	**2360R**	**$27.66**
Right Angle Plug Dual Conductor Coiled Cord, 10'	**2370R**	**$30.49**

4) Pick Your Accessories For 724 & 790 Monitors





733 Remote Splitter Kit, Dual Conductor



Offers the versatility of grounding and monitoring two workers at independent workstations. Features a quick/disconnect system and 6' cord.

732 Replacement Dual Conductor Remote Input Jack

Provides two phone jacks - one for the primary worker and one for use by visitors.

3057 Monitor Stand-By Jack



Allows the operator to disconnect a ground cord from the wristband & leave the workstation without deactivating the workstation monitor.

Description	*Monitor Type*	*Part No.*	*Price*
Replacement Remote Input Jack	724	**732**	**$31.39**
Remote Splitter Kit, Dual Conductor	724	**733**	**$43.09**
Monitor Stand-By Jack	724 & 790	**3057**	**$22.74**

Comfort-Fit Elastic Wrist Straps

Techni-Stat

SCS

Affordably priced with adjustable elastic band to maintain continuous skin contact for ESD protection.



Light Blue, no cord



Light Blue, with cord

Medium Blue

Burgundy

4mm Snap, 1MΩ resistor

Manufacturer	*Description*	*Coiled Cord**	*Color*	*Part No.*	*Price*
Techni-Stat	Elastic Polyester	–	Light Blue	**758ST9511**	**$4.31**
SCS, Model 2271	Fabric	–	Medium Blue	**2271**	**$4.29**
SCS, Model 2204	Fabric & Nylon	–	Burgundy	**2204**	**$8.54**
Techni-Stat	Elastic Polyester	6'	Light Blue	**758ST9407**	**$7.72**
SCS, WBB-AFWS61M	Fabric	6'	Blue & White	**WBB-AFWS61M**	**$14.59**
SCS, Model 2214	Fabric & Nylon	5'	Burgundy	**2214**	**$23.80**
Techni-Stat	Elastic Polyester	12'	Light Blue	**758ST9413**	**$10.10**
SCS, Model 2224	Fabric & Nylon	10'	Burgundy	**2224**	**$33.02**
7mm Snap, 1MΩ resistor					
Techni-Stat	Elastic Polymer	–	Light Blue	**758ST9551**	**$4.31**
Techni-Stat	Elastic Polyester	6'	Light Blue	**758ST9707**	**$3.99**
Techni-Stat	Elastic Polyester	12'	Light Blue	**758ST9713**	**$3.99**
10mm Snap, 1MΩ resistor					
Techni-Stat	Elastic Polyester	6'	Light Blue	**758ST9107**	**$3.99**
Techni-Stat	Elastic Polymer	12'	Light Blue	**758ST9113**	**$3.99**

*Wrist straps with coiled cords also include an alligator clip

Techni-Stat



Pink Wrist Strap

3/4" conductive nylon wrist strap with stainless-steel backplate. Includes banana jack that attaches to alligator clip. 4mm Snap, 1MΩ resistor.

Coiled Cord	*Color*	*Part No.*	*Price*
6'	Pink	**758ST9609**	**$9.99**
12'		**758ST9629**	**$10.99**
–		**758ST9639**	**$6.66**

Adjustable Wrist Straps with Coil Cord

Adjustable elastic strap offers the performance of metal and comfort of cloth. Includes ground cord.



Coiled Cord	*Snap*	*Part No.*	*Price*
6'	4mm	**758ST1058**	**$13.22**
	7mm	**758ST9004**	**$10.89**
12'	4mm	**758ST096**	**$12.16**
	7mm	**758ST9024**	**$12.16**
–	4mm	**758ST0103**	**$1.82**
	7mm	**758ST104**	**$1.82**
	3mm	**758ST088**	**$10.98**

Techni-Stat



Constant Contact Hinged Wrist Straps

Unique constant contact hinge keeps continuity between snap and buckle when buckle is opened. Emerald green and ruby red straps feature translucent buckle. Fabric. 4mm Snap, 1MΩ resistor.

Emerald

Sapphire

Ruby

Coiled Cord	*Color*	*Part No.*	*Price*
–	Sapphire	**758ST9638**	**$7.78**
	Ruby	**758ST9938**	**$8.50**
	Emerald	**758ST9968**	**$8.50**
6'	Sapphire	**758ST9608**	**$17.22**
	Ruby	**758ST9908**	**$18.18**
	Emerald	**758ST9948**	**$15.01**
12'	Sapphire	**758ST9628**	**$19.09**
	Ruby	**758ST9928**	**$16.91**
	Emerald	**758ST9959**	**$16.67**

Green Lead-Free Wrist Strap

Green indicates lead-free work area. 4mm Snap, 1MΩ resistor. Fabric.



Coiled Cord	*Color*	*Part No.*	*Price*
6'	Green	**758ST9009**	**$10.88**
12'		**758ST9028**	**$12.14**

Adjustable Wrist Strap

These top-of-the-line adjustable wrist straps are conductive with 5/8" conductive fiber inner surface. This design provides the performance and reliability of a metal band, with the comfort of cloth. 7mm snap, 1MΩ.



Coiled Cord	*Color*	*Part No.*	*Price*
–	Blue	**758ST104**	**$1.82**

SCS

Adjustable Thermo Plastic Wrist Strap

Dual-wire thermoplastic wristband. 3.4mm dual conductor jack, designed for use with SCS dual-wire coil cords, sold separately. Zipper-style latching mechanism easily adjusts to most wrist sizes. No resistor.



Coiled Cord	*Color*	*Part No.*	*Price*
–	Blue	**4720**	**$8.10**

Dual Conductor Fabric Wrist Band

For Monitors. Fabric, elastic nylon.



Coiled Cord	*Color*	*Part No.*	*Price*
–	Blue	**2368**	**$13.28**

DESCO

Extra-Wide Wrist Strap with Ground Cord

Comfortable, adjustable soft elastic band. 4mm snap, 1MΩ resistor.



Coiled Cord	*Color*	*Part No.*	*Price*
12'	Blue	**09069**	**$22.53**

Heel Grounders

All feature non-slip, non-marking heel cups and 1MΩ resistors (unless marked). Color straps on grounders let you see if everyone is in compliance at a glance. Grounders must be worn on both feet.





BEST SELLER



758ST0402

Techni-Stat

Ergo One-Heel Grounder

12" stretch velcro strap over top of shoe.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Blue	**758ST500**	**$6.47**
1MΩ	Black	**758ST202**	**$6.47**
2MΩ	Blue	**758ST0402**	**$7.36**
2MΩ	Black	**758ST0302**	**$7.36**



Hi-Visibility Heel Grounder

Hi-visibility, 1.5" x 7.5" two-layer rubber cup design fits comfortably on large shoes. Non-marking inside and conductive rubber outside.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Black w/Day-Glow Yellow	**758ST295**	**$6.62**



Day-Glow Heel Grounder

7" stretch velcro strap over top of shoe.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Black w/Day-Glow Yellow	**758ST5530**	**$8.00**

Disposable Hi-Visibility Heel Grounders

Pressure-sensitive, static-dissipative straps simply stick on heel. Bright yellow color can be easily seen at a distance to insure compliance. **100/pk.**



Resistor	*Description*	*Part No.*	*Price*
1MΩ	Yellow	**758ST0368**	**$53.22**



Techni-Stat

Elastic Strap Low-Cost Heel Grounder

9" stretch velcro strap over top of shoe.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Black	**758ST7201**	**$7.72**



Elastic D-Ring Heel Grounder

Strap over top of shoe fits through D-ring attached to elastic so grounder stays comfortable.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Blue	**758ST558**	**$9.22**
1MΩ	Red	**758ST559**	**$9.22**



Standard Heel Grounder

Two-layer, non-marking rubber interior and 18" conductive tab.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Black	**758ST225**	**$5.68**

Techni-Stat

Full-Coverage Sole Grounder

Combines a heel and toe grounder into one for guaranteed coverage. Stretch velcro strap over top of shoe. Black.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Small	**758ST505**	**$16.62**
1MΩ	Medium	**758ST506**	**$16.62**
1MΩ	Large	**758ST507**	**$19.29**

Techni-Stat SCS

Toe Grounder

For use with high-heeled shoes. Elastic stretch ankle strap for comfort.

	Resistor	*Description*	*Part No.*	*Price*
A	1MΩ	Black	**758ST301**	**$8.47**
B	1MΩ	Black	**TG1M**	**$9.27**

BEST SELLER



SCS

Heel Grounder Assembly 2051

9-3/4" stretch hook-and-loop strap over top of shoe maximum comfort.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Red	**2051**	**$11.47**

BEST SELLER



Heel Grounder Assembly 2044

High visibility "yellow glow" strap.

Resistor	*Description*	*Part No.*	*Price*
1MΩ	Black w/Yellow Strap	**2044**	**$6.59**

Cleanroom Safe



Techni-Stat

Disposable Conductive Shoe Covers

Inexpensive alternative to heel grounds. Non-skid polypropylene bootie maintains grounding with full mobility. **300/box.**

Description	*Part No.*	*Price*
Light Blue, <10^5Ω sq	**758AP2002**	**$128.18**

Ionizers

Aerostat® Guardian™ – Overhead Ionizing Air Blower



BEST SELLER

Equipped with task lighting, an ionization indicator light, and an integrated heater, the Guardian™ offers user-friendly operation while effectively protecting even the most sensitive components from ESD damage. Featuring inherent balance technology, built-in emitter point cleaning. The Guardian provides "maintenance-free" operation. (USA)

Description	Part No.	Price
Ionizer, 120 VAC	**4004063**	**$1,119.00**
Air Filter Retainer (3 Required)	**4710017**	**$15.00**
Air Filter Pack - 6 Filters	**4100810**	**$19.00**

Specifications:
- Discharge time: <6 sec. at 18"
- 42-3/4"L x 4"H x 6- 3/4"D; 16 lbs.
- Inherently balanced to ±5 V
- Built-in emitter point cleaner
- Air volume from 150 to 300 CFM
- Emitter points never need replacement

Aerostat FPD Ionizing Blowers



Utilizing AC ionization technology and high-flow fans, it provides superior static neutralization over an entire surface area. The airflow from the unit contains both positive and negative ions, enabling the neutralization of static charges wherever the airflow is directed. A light indicates both that power is on and that ions are being produced. Built-in emitter point cleaner makes it virtually maintenance free. Aluminum enclosure with white powder-coat enamel finish. Stainless-steel mounting bracket included. Inherent balance: 0+/- 5V.

Dimensions	Description	Part No.	Price
35.5"L x 4"H x 6.25"W	3-Fan Blower	**4011007**	**$1,159.00**
47.5"L x 4"H x 6.25"W	4-Fan Blower	**4011009**	**$1,376.00**



Aerostat® Guardian CR2000 Cleanroom Overhead Ionizing Air Blower

The three-fan unit has an infinitely adjustable airflow from 135 to 270 CFM. The two-fan unit is adjustable from 90 to 180 CFM. Multiple units can be powered consecutively in a daisy-chain manner. Lockout key prevents tampering.

Specifications:
- Class 10 (209E), ISO class 4
- Patented built-in emitter point cleaner
- Inherently balanced to ±5 V
- Emitter points never need replacement

Dimensions	Fans	Power	Part No.	Price
42-3/4"L x 4"H x 6-3/4"D; 15 lbs.	3-Fan	120VAC, 50/60Hz	**4008630**	**$1,185.00**
		230VAC, 50/60Hz	**4008705**	**$1,185.00**
31-3/4"L x 4"H x 6-3/4"D; 12 lbs.	2-Fan	120VAC, 50/60Hz	**4008729**	**$1,008.00**
		230VAC, 50/60Hz	**4008730**	**$1,075.00**

Aerostat® XC™ – Extended Coverage Ionizing Air Blower



BEST SELLER

The Aerostat XC™ provides excellent coverage, stabile balance, and rapid static charge decay times. It has an integrated heater for operator comfort. Featuring inherent balance technology, built-in emitter point cleaner and emitter points good for the life of the unit, the XC provides "maintenance-free" operation. Three-speed fan delivers a controlled air volume of 70, 95, or 120 CFM. (USA)

Description	Part No.	Price
Ionizer, 120VAC	**4002612**	**$900.00**
Ionizer, 230VAC	**4002667**	**$914.00**
XC™ Pedestal Mount	**5050282**	**$160.00**
Air Filter Kit	**5051321**	**$70.00**
Replacement Air Filter	**4470059**	**$20.00**

Specifications:
- Discharge time: <2 sec. at 12"
- 15-3/8"W x 4-1/2"H x 8-1/8"D
- Weight: 17.5 lbs.
- Inherently balanced to 0 (±5 V)
- Built-in emitter point cleaner
- Integrated heater & 3-speed fan
- Emitter points never need replacement

Aerostat XC2® Extended Coverage Benchtop Ionizing Blower

The same outstanding performance and coverage as the Aerostat XC, in a more compact, lightweight design that's easily mountable above the worksurface. Features include rapid discharge times, large, near-symmetric area coverage, ±10V inherent balance, variable-speed fan, and switchable heater for comfort. LED alarm lights signal out-of-spec condition. Built-in emitter point cleaner makes it virtually maintenance free. 120VAC.



Description	Part No.	Price
Ionizer, 120VAC	**91-XC2-US-05H**	**$849.00**
Filter Kit	**33-6003-01**	**$66.00**
Replacement air filters, 6/pk.	**33-6004-01**	**$25.00**

SCS Air Ionizers

Built-in auto cleaning function automatically cleans emitter pins every hour providing long-term static protection with less maintenance. Power-on indicator lamp. White metal housing. US plug. Power cord sold separately.



Description	Part No.	Price
3-Fan Overhead Ionizer – Low-speed option for lightweight materials handling. Manual ion balance adjustment. ≤ 3.5 sec decay time.	**9310-NO**	**$773.35**
1-Fan Benchtop Ionizer – Tungsten electrode. Steady-state DC ion-emission. ≤ 2.0 sec decay time.	**9110-NO**	**$433.32**
North American power cord for SCS Air ionizers	**770000**	**$15.19**

Features:
- Fast charge decay and stable ion balance (± 15V)
- High-speed operation where rapid neutralization is required
- Variable fan speed adjustment
- Meets CE, cULus, WEEE



Ionizers

Aerostat® PC – Personal Coverage Ionizing Air Blower

The SIMCO Aerostat® PC™ provides superior static charge decay over a targeted work surface area. It provides optimum protection from the destructive effects of ESD and has an integrated heater for operator comfort. Emitter points good for the life of the unit, the PC provides "maintenance-free" operation. Produces air volume from 35 to 70 CFM. (USA)

BEST SELLER



Specifications:
- Discharge time: <1.5 sec. at 1'
- Covers a 1' x 5' area
- 5.5"W x 8.625"H x 3.25"D
- Weight 5.3 lbs.
- Inherently balanced to 0 (±10 V)
- Built-in emitter point cleaner
- Variable speed fan and integrated heater
- Emitter points never need replacement

Description	Part No.	Price
Ionizer, 120 VAC	**4003367**	**$683.00**
Air Filter Retainer	**4710017**	**$15.00**
Air Filter Pack - 6 Filters	**4100810**	**$19.00**

minION 2™ Ionizing Air Blower

Steady-state DC corona ion technology with patented radical ion emitter. Modular wiring allows daisy-chaining up to three units from one standard power supply. Can also be hard wired. Optional clamp-on spring arm stand elevates unit.



Shown with Articulated Arm Kit



Specifications:
- Covers 1' x 4' area
- Fan adjustable from 21-42 CFM
- Weight: 1.1 lbs.
- Discharge time: 1000V-100V <2 sec.
- 3-7/8"W x 5-3/8"H x 2-3/8"D.
- Compact design
- Self-Balancing to ±10V

Description	Part No.	Price
110/120VAC to 24VDC Power Supply	**4011425**	**$538.00**
Articulated Arm Kit	**5051141**	**$156.00**

Point-Of-Use Ionizing Blower

Small ionizing blower uses self-balancing IsoStat® technology that requires no calibration. Model 709ST6423 includes auto-clean system that cleans emitter points each time the unit is powered down, reducing maintenance and ensuring consistent performance and extended emitter life. Visual and remote alarm indicator.





>>> FIND MORE ONLINE

Additional ionizers and static control products can be found at www.Techni-Tool.com

	Description	Part No.	Price
A	4.95"H x 3.26"W x 2.84"D Including Bracket	**92-6422E-AC-US**	**$649.00**
B	5.3"H x 5.0"W x 2.5"D	**92-6432E-AC-US**	**$649.00**

Air Ionizer 963E

Fast neutralization of static charges on non-conductive objects (<1 second at 1' distance). Maintains equal balance of positive-negative ions. Also features two-speed fans and static-dissipative housing. Includes: ionizer and power cord.



Specifications:
- Self balancing: ±15V
- Discharge from 1000V to 100V in <2 sec. at 1 ft.
- No adjustment or calibration is required to maintain ion balance
- 6" W x 7.4" H x 3" D
- Weight: 2.5 lbs.

Description	Part No.	Price
100V - 240V Ionizer	**963E**	**$514.83**

Mini Air Ionizer 960

Maintains balanced flow (±20V) of ionized air. Steady-state DC ion emission for efficient ion delivery. Includes: ionizer, mounting bracket and 3' wall transformer cable.



Description	Part No.	Price
Ionizer; Wall Transformer Not Included	**960**	**$450.41**
Wall Transformer	**960X/980X**	**$107.52**

Static Sensor 718

Static Sensor 718 is a portable meter for testing of electrostatic fields and measures surface voltage and polarity on objects up to ±19.99 kV at a distance of one inch. Chopper-stabilized probe technology allows for use in ionized environments.



Specifications:
- Provides readings from 0 to ±1.999 kV and 0 to ±19.99 kV
- NIST-calibrated with certificate

Description	Part No.	Price
Ionizer Test Kit	**718**	**$730.88**
Conductive Plate & Charger For Ionizer Test Kit	**770719**	**$716.06**

Ionized Air Gun 980

Excellent tool for blowing particulate contamination off any surface. A charge of 1000V is reduced to less than 100V in less than a second. The 980 is completely self-balancing; no adjustment or calibration is needed. It maintains balance to within ±30V of OV (at a distance of 6"). The air line filter and the emitter points at the tip of the hand unit are the only replaceable parts and can be changed in just seconds without any special tools. A 7' flexible hose connects the air gun to the console.





Description	Part No.	Price
110V Air Gun with Transformer	**980**	**$929.80**
Replacement Wall Transformer	**960X/980X**	**$107.52**
Air Filter Pack - 3 Filters	**980-F**	**$103.96**

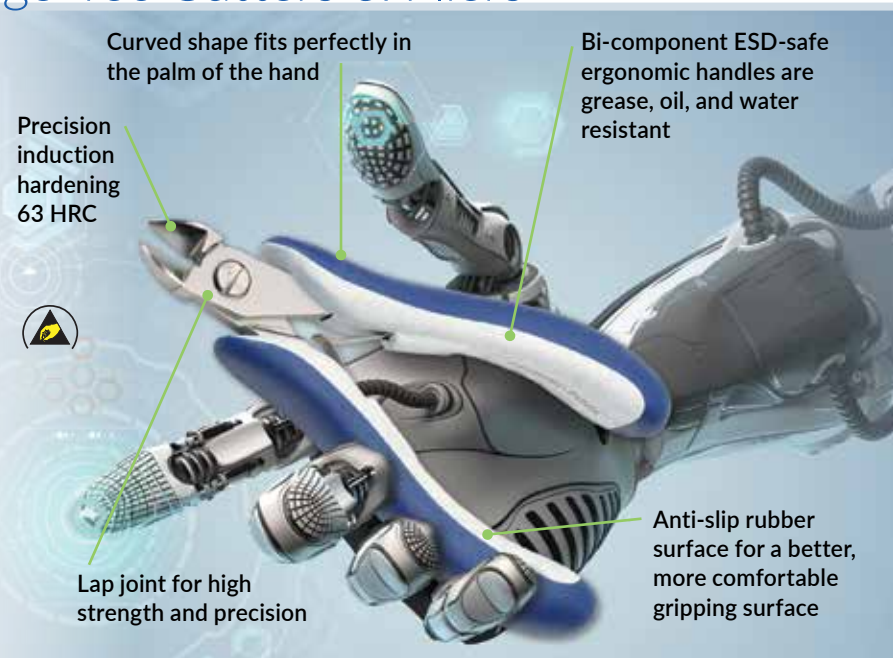
Tec-Cut® Infinity Elite Ergo-Tec Cutters & Pliers

Precision Engineered

Performance, comfort, durability and strength – all qualities you've come to expect from our Swiss-made Infinity Elite line of cutters and pliers. But did you know we made the best even better? The Ergo-Tec line pairs the high-quality tools you depend on with an ergonomic, user-centered design that makes them even easier and more comfortable to use. The modified handle shape and reduced edges fit your hand better, reducing fatigue and strain. The bi-component, ESD-safe handle features rounded surfaces and anti-slip rubber grip for improved handling, and a lap joint with screw ensures the highest level of precision and strength.

These cutters and pliers are the best you'll ever use. Rated for over 100,000 cuts, these tools feature stainless-steel, dual-leaf springs and matched bearing rings to minimize metal-to-metal contact and friction. Superior ball-bearing steel is precisely heat treated to provide the highest resiliency and toughness. Static-dissipative (10^6 – 10^8 Ω/sq.) handles combine a hard plastic core with soft gripping surface, and are oil, grease, and water resistant.

And all Infinity Elite tools come backed with a lifetime warranty on materials and workmanship!



FIND MORE ONLINE

Find our full selection of cutters and pliers at www.Techni-Tool.com



Tungsten Carbide "Barracuda" Cutter | *Oval Head Cutter* | *Tapered Head Cutter* | *Tapered & Relieved Head Cutter*

Infinity Elite Tungsten Carbide "Barracuda" Cutters - Ergonomic Handles

Tapered sharp tip diagonal cutters - especially for hard wires.

Cut	Head Size	Cutting Max Cap.	OAL	Part No.	Price
Full-Flush	L	23 AWG	4.8"	**758PL352E**	**$250.59**

Infinity Elite Oval Head Cutters - Ergonomic Handles

Semi-Flush	M	18 AWG	4.8"	**758PL5140E**	**$60.92**
Flush	M	18 AWG	4.8"	**758PL5141E**	**$64.55**
Full-Flush	M	20 AWG	4.8"	**758PL5142E**	**$63.50**
Semi-Flush	L	16 AWG	4.9"	**758PL5150E**	**$63.50**
Flush	L	16 AWG	4.9"	**758PL5151E**	**$64.80**
Full-Flush	L	18 AWG	4.9"	**758PL5152E**	**$66.10**
Semi-Flush	XL	12 AWG	5"	**758PL5160E**	**$66.10**
Flush	XL	12 AWG	5"	**758PL5161E**	**$67.40**
Full-Flush	XL	14 AWG	5"	**758PL5162E**	**$68.70**
Semi-Flush	XL	14 AWG	5.1"	**758PL160E**	**$68.27**
Flush	XL	15 AWG	5.1"	**758PL5161LE**	**$69.62**
Full-Flush	XL	17 AWG	5.1"	**758PL162E**	**$70.97**

Infinity Elite Oval Head Cutters - Standard Handles

Semi-Flush	M	18 AWG	4.8"	**758PL5140**	**$60.92**
Flush	M	18 AWG	4.8"	**758PL5141**	**$62.22**
Full-Flush	M	20 AWG	4.8"	**758PL5142**	**$63.50**
Semi-Flush	L	16 AWG	4.9"	**758PL5150**	**$63.50**
Flush	L	16 AWG	4.9"	**758PL5151**	**$64.80**
Full-Flush	L	18 AWG	4.9"	**758PL5152**	**$66.10**
Semi-Flush	XL	12 AWG	5"	**758PL5160**	**$66.10**
Flush	XL	12 AWG	5"	**758PL5161**	**$67.40**
Full-Flush	XL	14 AWG	5"	**758PL5162**	**$68.70**

Infinity Elite Tapered Head Cutters - Ergonomic Handles

Cut	Head Size	Cutting Max Cap.	OAL	Part No.	Price
Semi-Flush	M	18 AWG	4.8"	**758PL5340E**	**$60.92**
Flush	M	18 AWG	4.8"	**758PL5341E**	**$55.04**
Full-Flush	M	20 AWG	4.8"	**758PL5342E**	**$63.50**
Semi-Flush	L	16 AWG	4.9"	**758PL5350E**	**$63.50**
Flush	L	16 AWG	4.9"	**758PL5351E**	**$67.23**
Full-Flush	L	18 AWG	4.9"	**758PL5352E**	**$66.10**

Infinity Elite Tapered Head Cutters - Standard Handles

Semi-Flush	M	18 AWG	4.8"	**758PL5340**	**$60.92**
Flush	M	18 AWG	4.8"	**758PL5341**	**$56.40**
Full-Flush	M	20 AWG	4.8"	**758PL5342**	**$63.50**
Semi-Flush	L	16 AWG	4.9"	**758PL5350**	**$63.50**
Flush	L	16 AWG	4.9"	**758PL5351**	**$64.80**
Full-Flush	L	18 AWG	4.9"	**758PL5352**	**$66.10**

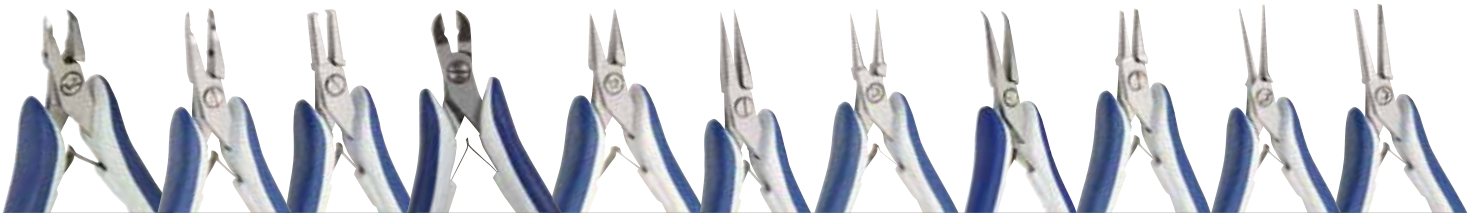
Infinity Elite Tapered & Relieved Head Cutters - Ergonomic Handles

Semi-Flush	M	20 AWG	4.8"	**758PL5540E**	**$66.10**
Flush	M	20 AWG	4.8"	**758PL5541E**	**$67.40**
Full-Flush	M	20 AWG	4.8"	**758PL5542E**	**$68.70**

Infinity Elite Tapered & Relieved Head Cutters - Standard Handles

Semi-Flush	M	20 AWG	4.8"	**758PL5540**	**$66.10**
Flush	M	20 AWG	4.8"	**758PL5541**	**$67.40**
Full-Flush	M	20 AWG	4.8"	**758PL5542**	**$68.70**

Tec-Cut® Infinity Elite Ergo-Tec Cutters & Pliers



Oblique Head Cutter | *Micro Tip Cutter* | *End Cutter* | *Angled Tip Cutter* | *Snipe Nose Plier* | *Long Snipe Nose Plier* | *Round Nose Plier* | *Bent Nose Plier* | *Flat Nose Plier* | *Long Needle Nose Plier* | *Long Flat Nose Plier*

Infinity Elite Oblique Head Cutters - Ergonomic Handles

Cut	*Head Size*	*Cutting Max Cap.*	*OAL*	*Part No.*	*Price*
Flush	Ultra-Micro	16 AWG	5"	**758PL5246E**	**$71.28**
Full-Flush	Micro	23 AWG	5.3"	**758PL5234E**	**$80.06**
Flush	S	16 AWG	5.2"	**758PL5247E**	**$71.28**
Full-Flush	Narrow	18 AWG	5.1"	**758PL5245E**	**$73.64**

Infinity Elite Oblique Head Cutters - Standard Handles

Flush	Ultra-Micro	16 AWG	5"	**758PL5246**	**$71.28**
Flush	S	16 AWG	5.2"	**758PL5247**	**$71.28**

Infinity Elite Micro Tip Cutter - Ergonomic Handles

Full-Flush	Micro	20 AWG	5.3"	**758PL5233E**	**$72.58**

Infinity Elite End Cutter - Ergonomic Handles

Flush	S	16 AWG	5"	**758PL5291E**	**$68.70**

Infinity Elite End Cutter - Standard Handles

Flush	S	16 AWG	5"	**758PL5291**	**$68.70**

Infinity Elite Angled Tip Cutter - Ergonomic Handles

Flush	S	16 AWG	4.9"	**758PL5250E**	**$90.46**

Infinity Elite Angled Tip Cutter

Flush	S	16 AWG	4.9"	**758PL5250**	**$90.46**

Infinity Elite Ergo-Tec Precision Kit - 6 pc.

Includes:

- Cutters: Oval Head 758PL5150E, Oval Head 758PL5152E, Tapered Head 758PL5341E, Tapered & Relieved Head 758PL5541E
- Pliers: Long Snipe Nose 758PL6023E, Round Nose 758PL6041E
- Zippered Pouch



Description	*Part No.*	*Price*
Infinity Elite Ergo-Tec Precision Kit - 6 pc.	**758PL5001E**	**$369.23**

Infinity Elite Standard Kit - 6 pc.

Includes:

- Cutters: Oval Head 758PL5150, Oval Head 758PL5152, Tapered Head 758PL5341, Tapered & Relieved Head 758PL554
- Pliers: Long Snipe Nose 758PL6023, Round Nose 758PL6041
- Zippered Pouch

Description	*Part No.*	*Price*
Infinity Elite Standard Kit - 6 pc.	**758PL5001**	**$370.59**

Infinity Elite Snipe Nose Pliers - Ergonomic Handles

Jaw	*Head Size*	*OAL*	*Part No.*	*Price*
Smooth	S	5.2"	**758PL6021E**	**$53.66**
Serrated	S	5.2"	**758PL6022E**	**$60.46**

Infinity Elite Snipe Nose Pliers - Standard Handles

Smooth	S	5.2"	**758PL6021**	**$53.66**
Serrated	S	5.2"	**758PL6022**	**$56.24**

Infinity Elite Long Snipe Nose Pliers - Ergonomic Handles

Smooth	M	5.6"	**758PL6023E**	**$54.96**
Serrated	M	5.6"	**758PL6024E**	**$57.54**

Infinity Elite Long Snipe Nose Pliers - Standard Handles

Smooth	M	5.6"	**758PL6023**	**$54.96**
Serrated	M	5.6"	**758PL6024**	**$57.54**

Infinity Elite Round Nose Pliers - Ergonomic Handles

Smooth	M	5.2"	**758PL6041E**	**$58.32**

Infinity Elite Round Nose Pliers - Standard Handles

Smooth	M	5.2"	**758PL6041**	**$58.32**

Infinity Elite Bent Nose Pliers - Ergonomic Handles

Smooth	M	5.75"	**758IE6023E**	**$58.05**

Infinity Elite Flat Nose Pliers - Ergonomic Handles

Smooth	S	5.2"	**758PL6011E**	**$51.84**
Serrated	S	5.2"	**758PL6012E**	**$54.44**

Infinity Elite Flat Nose Pliers - Standard Handles

Smooth	S	5.2"	**758PL6011**	**$51.84**
Serrated	S	5.2"	**758PL6012**	**$54.44**

Infinity Elite Long Needle Nose Pliers - Ergonomic Handles

Smooth	M	5.75"	**758PL6025E**	**$60.92**

Infinity Elite Long Needle Nose Pliers - Standard Handles

Smooth	M	5.2"	**758PL6025**	**$60.92**

Infinity Elite Long Flat Nose Pliers - Ergonomic Handles

Smooth	M	5.5"	**758PL6013E**	**$54.44**
Serrated	M	5.5"	**758PL6014E**	**$57.02**

Infinity Elite Long Flat Nose Pliers - Standard Handles

Smooth	M	5.5"	**758PL6013**	**$54.44**
Serrated	M	5.5"	**758PL6014**	**$57.02**

Tec-Cut® Cutters & Pliers

Hot-drop forged, hand-induction, heat-treated and hand sharpened

Mini Electronic Pliers & Cutters

Feature a satin finish and spring leaf for dependable opening. Tested to ASME B107.25M and U.S. government specs. Body hardness 41-43 HRC. Cutting edge Rockwell hardness 57-63 HRC. ESD-safe. (USA)





>>> FIND MORE ONLINE
Additional cutters and pliers can be found at www.Techni-Tool.com

Mini Electronic Transverse End Cutter

Cut	Head Size	Cutting Max Cap.	OAL	Part No.	Price
Flush	M	Up to 30 AWG (.010") Soft Copper	4-3/4"	**758PL4036**	**$17.57**

Mini Electronic Diagonal Straight Cutter

Flush	S	Up to 24 AWG (.020") Soft Copper	4-3/8"	**758PL018**	**$18.24**

Mini Electronic Oval Head Diagonal Cutter

Semi-Flush	S	Up to 22 AWG (.032") Soft Copper	4-1/4"	**758PL022**	**$18.24**

Mini Electronic Angled Cutter

Flush	S	Up to 22 AWG (.032") Soft Copper	4"	**758PL4040**	**$19.60**

Mini Electronic Chain Nose Pliers

Jaw	Head Size	OAL	Part No.	Price
Smooth	M	4-3/4"	**758PL4026**	**$17.57**
Serrated	M	4-3/4"	**758PL024**	**$17.57**

Mini Electronic Needle Nose Pliers

Smooth	M	5-3/4"	**758PL4018**	**$17.57**

Mini Electronic Long Nose Pliers

Subminiature, Smooth	S	4-1/2"	**758PL020**	**$16.37**

Mini Electronic Duck Bill Pliers

Smooth	M	4-1/2"	**758PL4022**	**$17.57**

Mini Electronic Round Nose Looping Pliers

Smooth	S	4-1/2"	**758PL040**	**$23.93**



Mini-Electronics Kits, 4 pc

Includes:

BEST SELLER

- Cutters: diagonal straight, oval head diagonal flush cutter
- Pliers: needle nose, subminiature long nose serrated plier
- Zippered case

Description	Part No.	Price
Mini-Electronics Kit, 4 pc.	**758PL700**	**$85.60**



Mini-Electronics Kits, 6 pc

Includes:

BEST SELLER

- Cutters: diagonal straight, oval diagonal head, transverse end
- Pliers: needle nose, duck bill, long nose plier w/cutter
- Zippered case

Description	Part No.	Price
Mini-Electronics Kit, 6 pc.	**758PL028**	**$119.54**

Specialty Sets

Pliers Kit, 5 pc.

Includes:

- Xcelite diagonal oval cutter, semi flush
- Long nose serrated plier w/cutter
- Long chain nose serrated plier
- Slim tapered diagonal cutter, full flush
- Round nose wire looping plier, smooth
- Roll-up pouch

Description	Part No.	Price
Plier Kit, 5 pc.	**758PL016**	**$107.00**



BEST SELLER

Fine Electronics Kit, 5 pc.

Includes:

- Xcelite long chain nose serrated plier
- Cutter, diagonal, taper relieved diagonal cutter
- Full flush angle tip cutter
- Lindstrom oval diagonal cutter
- Tec-Cut transverse end flush cutter
- Pouch

Description	Part No.	Price
Plier Kit, 5 pc.	**758PL010**	**$218.99**

Tec-Cut® Long-Life ESD Pliers & Cutters

High-chromium, high-carbon steel. Precision-honed cutting edges are double-inducted, heat-treated, and hardened to Rc58. Spot-welded leaf springs for extra durability. From a leading tool manufacturer but without the premium price.



Snipe Nose Pliers

Jaw	Head Size	OAL	Part No.	Price
Smooth	S	5.28"	**758PL102**	**$33.85**
Smooth	S	4.61"	**758PL112**	**$31.59**
Serrated	S	4.61"	**758PL113**	**$31.59**
Serrated	L	6.01"	**758PL116**	**$33.85**

Long Nose Pliers

Smooth	S	5.36"	**758PL109**	**$31.59**
Serrated	S	5.36"	**758PL110**	**$31.59**



Long Nose Tip Cutter

Cut	Head Size	Cutting Max Cap.	OAL	Part No.	Price
Flush	L	Up to 22 AWG	5.14"	**758PL107**	**$35.07**

Tapered Relieved Diagonal Cutter

Flush	M	Up to 22 AWG	4.25"	**758PL101**	**$35.07**

Tapered Diagonal Cutter

Full Flush	M	Up to 18 AWG	4.80"	**758PL104**	**$35.07**
Flush	M	Up to 16 AWG	4.80"	**758PL108**	**$35.07**

Angled Head Cutter

Flush	L	Up to 20 AWG	4.91"	**758PL115**	**$46.35**

Oval Diagonal Cutter

M	Flush	Up to 16 AWG	4.80"	**758PL103**	**$35.07**
M	Semi-Flush	Up to 16 AWG	4.80"	**758PL105**	**$35.07**
L	Semi-Flush	Up to 14 AWG	4.93"	**758PL111**	**$37.27**

Plier/Cutter Kit

Precision-honed cutting edges are double inducted, heat treated, and hardened to Rc58, with spot-welded leaf springs for extra durability. High-chromium, high-carbon steel. Kit includes: smooth snipe nose pliers, serrated long nose pliers, flush oval diagonal cutters, tapered full-flush diagonal cutters, tapered relieved flush diagonal cutters, and angled-head flush cutters, plus zippered storage pouch.



Description	Part No.	Price
Plier/Cutter Kit	**758IE0007**	**$221.23**

ESD Shear Cutters

ESD-safe cutter for a range of applications, from soft copper to hardened copper and iron wire.



Economy ESD Nipper Kit – 5 pc.

Includes one each:

- 758PL0028
- 758PL1066
- 758PL0044
- 758PL1001
- 758PL0062
- Folding tool wallet



Part No.	Price
758PL0067	**$165.34**

Lightweight Nippers

Cut	Head Size	Cutting Max Cap.	OAL	Part No.	Price
Flush	M	Up to .039"	5-1/8"	**758PL0028**	**$25.80**

Fine SMT Micro Cutter

Flush	S	Up to .040" Soft Copper	4-3/4"	**758PL1001**	**$26.92**

Thicker Body w/Wire Catch Nippers

Flush	M	Up to .040" Soft Copper	5-1/8"	**758PL0053**	**$31.24**

Heavy-Duty Diagonal Nippers

Flush	L	Up to .120"	6"	**758PL1066**	**$38.76**

Short Nose w/Wire Catch Nippers

S	Semi-Flush	Up to .059"	5-1/2"	**758PL0064**	**$37.32**

Short Nose Nippers

S	Semi-Flush	Up to .059"	5-1/2"	**758PL0062**	**$31.86**

HAKKO

Micro-Cutters, ESD-Safe



This popular micro-cutter features sharp blades and carefully machined surfaces that provide accurate cutting with less force. It is an excellent general-purpose tool. It is made of steel and hardened to a Rockwell hardness of 56. Flush cut with a maximum cutting capacity of 16 AWG on copper wire. Dolphin-style grips are slim and lightweight to reduce stress on operator's hands.

Description	Part No.	Price
Micro-Cutter, ESD-Safe	**CHP-170**	**$5.17**

LINDSTROM® 80-Series Cutters, ESD-Safe

80-Series Cutters offer unsurpassed cutting capacity covering a wide range of wire dimensions and types. Made of heat-treated, 1% carbon, ball-bearing steel, these cutters feature a black oxide coating. Precision induction hardened, allowing a Rockwell hardness of 63/65 HRC. The precision screw joint minimizes friction and maximizes alignment of cutting edges. Precision-ground cutting edges for exceptionally long life. The non-slip textured handles are equipped with leaf springs that are durable and easily replaceable. All 80-Series Cutters are ESD-safe.



Available With 3 Types Of Handles:

- Yellow Plastic Standard: Molded plastic, impact-resistant, not ESD-safe.
- Purple HS Series Ergonomic: ESD-safe, foam-cushioned, extra long to eliminate the tool from ending mid-palm - add 0.92" to overall length.
- Black/Blue RX Series Ergonomic: All the same features of the HandSaver plus a BioSpring, which allows you to adjust handle opening and spring tension - add 0.92" to overall length.

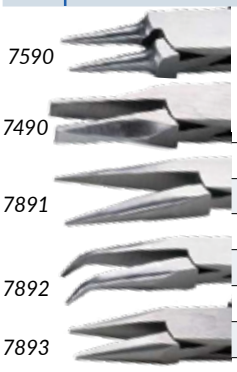
And 3 Types Of Cuts:

- Micro-Bevel Cut: Leaves a "pinch" on leads with a small surface area, allowing a wide cutting range perfect for electronic assembly.
- Flush Cut: Finer-edged blades leave a larger surface area and very little "pinch" allowing the cut to meet tighter lead-end specifications.
- Ultra-Flush Cut: Virtually eliminates "pinch" with razor sharp blades that make a perfect cut wherever mechanical shock transmissions are top priority.



Cut	Head Shape	Max-Cutting Capacity	Overall Length	Standard Part No.	Standard Price	HS Series Part No.	HS Series Price	RX Series Part No.	RX Series Price
Micro-Bevel	Oval	16-30 AWG	4.25"	8130	$62.00	HS8130	$95.30	RX8130	$83.60
Flush	Oval	16-36 AWG	4.25"	8131	$67.30	HS8131	$98.70	RX8131	$85.50
Ultra-Flush	Oval	20-36 AWG	4.25"	8132	$70.70	HS8132	$109.20	RX8132	$94.20
Micro-Bevel	Oval	16-30 AWG	4.33"	8140	$61.07	HS8140	$95.30	RX8140	$76.80
Flush	Oval	16-36 AWG	4.33"	8141	$65.50	HS8141	$98.70	RX8141	$78.50
Ultra-Flush	Oval	18-36 AWG	4.33"	8142	$70.70	HS8142	$109.20	RX8142	$87.30
Micro-Bevel	Oval	14-30 AWG	4.43"	8150	$67.30	HS8150	$95.30	RX8150	$80.30
Flush	Oval	14-32 AWG	4.43"	8151	$69.10	HS8151	$94.20	RX8151	$85.50
Ultra-Flush	Oval	16-32 AWG	4.43"	8152	$76.00	HS8152	$106.50	RX8152	$96.00
Micro-Flush	Oval	12-26 AWG	4.92"	8160	$67.30	HS8160	$94.20	RX8160	$83.80
Flush	Oval	12-30 AWG	4.92"	8161	$76.00	HS8161	$104.70	RX8161	$94.20
Micro-Flush	Tapered	16-32 AWG	4.33"	8143	$63.80	HS8143	$95.40	RX8143	$78.50
Flush	Tapered	16-36 AWG	4.33"	8144	$65.50	HS8144	$98.70	RX8144	$80.30
Ultra-Flush	Tapered	18-36 AWG	4.33"	8145	$75.50	HS8145	$109.20	RX8145	$89.00
Ultra-Flush	Tapered	14-32 AWG	4.92"	8165	$101.30	HS8165	$151.90	RX8165	$118.80
Micro-Flush	Tapered, Relieved	18-32 AWG	4.33"	8146	$67.30	HS8146	$97.30	RX8146	$83.80
Flush	Tapered, Relieved	18-36 AWG	4.33"	8147	$66.40	HS8147	$100.60	RX8147	$85.59
Ultra-Flush	Tapered, Relieved	20-36 AWG	4.33"	8148	$76.00	HS8148	$109.20	RX8148	$94.20
Flush	Extended Tip	24-36 AWG	4.49"	8149	$131.90	HS8149	$171.20	RX8149	$169.40
Flush	Short, 20° Angle	16-32 AWG	4.33"	8211	$104.00	HS8211	$158.90	RX8211	$134.50
Flush	Long, 45° Angle	18-32 AWG	4.63"	8247	$114.40	HS8247	$151.90	RX8247	$147.00
Flush	Long, Relieved, 45° Angle	20-32 AWG	4.63"	8248	$121.50	HS8248	$158.90	RX8248	$157.60

Supreme Pliers



Designed for general electronic and mechanical use. The standard Supreme pliers have a white, molded plastic handle and are also available with the HandSaver (ESD) and RX Series (ESD) handles.



Nose Type	Jaws	Head Length	Overall Length	Standard Part No.	Standard Price	HS Series Part No.	HS Series Price	RX Series Part No.	RX Series Price
Flat Nose	Smooth	0.79"	4.72"	7490	$55.00	HS7490	$93.50	RX7490	$67.30
Round Nose	Smooth	0.79"	4.72"	7590	$56.80	HS7590	$93.50	RX7590	$72.50
Long Nose	Smooth	1.26"	5.20"	7890	$60.30	HS7890	$88.20	RX7890	$72.50
Long Nose	Serrated	1.26"	5.20"	7891	$58.60	HS7891	$90.00	RX7891	$74.30
Snipe Nose, 60° Tip	Smooth	1.14"	5.08"	7892	$63.80	HS7892	$93.50	RX7892	$77.80
Short Snipe Nose	Smooth	0.79"	4.72"	7893	$58.60	HS7893	$133.60	RX7893	$72.50

9000 Series Micro-Shear® Flush Cutters

9000 Series cutters are the only shears made anywhere in the world rated for cutting everything from soft material less than one mil up to 12 AWG copper wire. They are made of tough alloyed steel and have been through a state-of-the-art blanking process. Cutting edges have been heat treated to 56-58 RC. Features non-slip grips, Light Touch™ return spring and a black finish.

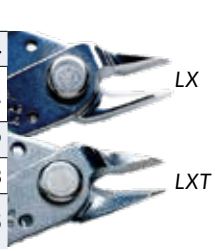
Description	Max-Cutting Capacity	Overall Length	Part No.	Price
Oval Head Cutter	12 AWG	4.90"	**9100**	**$24.33**
Oval Head Cutter W/Lead Retainer	12 AWG	4.90"	**9100F**	**$25.75**
Oval Head Cutter, Anti-Static Grips	12 AWG	4.90"	**9100AS**	**$26.25**
Oval Head Cutter, Anti-Static Grips W/Lead Retainer	12 AWG	4.90"	**9100ASF**	**$27.25**
Oval Head Cutter, Long Handles	12 AWG	5.75"	**9100LH**	**$26.88**
Tapered Head Cutter	14 AWG	4.90"	**9200**	**$24.70**
Tapered Head Cutter W/Lead Retainer	14 AWG	4.90"	**9200F**	**$26.89**
Tapered Head Cutter, Anti-Static Grips	14 AWG	4.90"	**9200AS**	**$26.25**
Tapered Head Cutter, Anti-Static Grips W/Lead Retainer	14 AWG	4.90"	**9200ASF**	**$28.46**
Tapered Head Cutter, Long Handles	14 AWG	5.75"	**9200LH**	**$25.92**

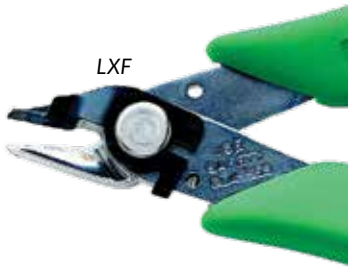


LX Series Micro-Shear® Flush Cutters

LX Series cutters are stronger and more durable with improved cutting capacity. These cutters feature high carbon steel blades that are precision ground to be ultra sharp and are heat treated for a Rockwell hardness of 55-57C. Capable of cutting soft materials up to 16 AWG.

Description	Max-Cutting Capacity	Overall Length	Part No.	Price
Flush Cutter Head	16 AWG	4.88"	**LX**	**$17.14**
Micro-Shear® Flush Cutter Head W/ Lead Retainer	16 AWG	4.88"	**LXF**	**$18.21**
Extra Tapered Head W/Ultra-Slim Tip	20 AWG	4.86"	**LXT**	**$19.19**
Flush Cutter Head, Anti-Static Grips	16 AWG	4.88"	**LXAS**	**$18.58**
Flush Cutter Head, Anti-Static Grips W/Lead Retainer	16 AWG	4.88"	**LXASF**	**$20.75**





2175 Series Maxi-Shear™ Flush Cutters

Capable of cutting harnesses and cables, but precise enough to cut material less than 0.040" thick in high-density areas.

Description	Max-Cutting Capacity	Overall Length	Part No.	Price
Maxi-Shear™	12 AWG	5.82"	**2175**	**$17.70**
Maxi-Shear™ W/Ultra-Flush Cut	14 AWG	5.82"	**2175A**	**$20.02**
Maxi-Shear™ W/Semi-Flush Cut	12 AWG	5.82"	**2175B**	**$19.53**
Maxi-Shear™ W/Lead Retainer	12 AWG	5.82"	**2175F**	**$20.03**
Maxi-Shear™, Anti-Static Grips	12 AWG	5.82"	**2175AS**	**$19.30**
Maxi-Shear™, Anti-Static Grips W/Lead Retainer	12 AWG	5.82"	**2175ASF**	**$21.77**



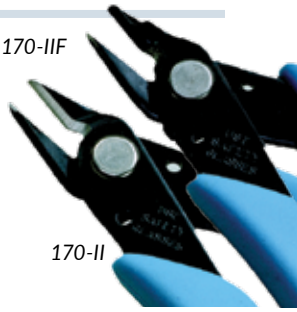


170-II Series Micro-Shear Flush Cutters

These Micro-Shear cutters take about half the effort out of cutting wire compared to conventional compression cutters.

Description	Max-Cutting Capacity	Overall Length	Part No.	Price
Micro-Shear® Head, Flush Cut	18 AWG	5.11"	**170-II**	**$9.05**
Micro-Shear® Head, Full Flush Cut	20 AWG	5.11"	**170-IIA**	**$10.10**
Micro-Shear® Head W/Lead Retainer	18 AWG	5.11"	**170-IIF**	**$10.49**
Micro-Shear® Head, Anti-Static Grips	18 AWG	5.11"	**170-IIAS**	**$10.45**
Micro-Shear® Head, Anti-Static Grips W/Lead Retainer	18 AWG	5.11"	**170-IIASF**	**$11.50**





Techni-Tool How To Choose A Cutter

When choosing a cutter, Techni-Tool recommends knowing the features your application requires: size of the head, head shape, type of cut and cutting capacity.

1 Size

3 main sizes: micro, medium and maxi. Each size is available in different head shapes.

Micro



Series 600, 0.354" (W) 0.236" (Thick)

Miniature cutter for micro-electronics and fine wires.

Medium



Series 500, 0.433" (W) 0.256" (T)



Series 2400 MagicSense, 0.433" (W) 0.236" (T)

Medium-size cutter combines robustness, visibility and accessibility. Large variety of head shapes for precision work in hard-to-reach areas.

Maxi



Series 800, 0.531" (W) 0.295" (T)

Strongest, most robust size for general cutting in electronics. Cuts large wire diameters.

2 Cut

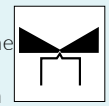
Blade options determine the shape left on a lead after cutting.

Semi-Flush: Leaves a pyramidal tip at the end of the wire. Suitable for soft copper wires and very hard wires.





Flush: Leaves a smaller tip at the end of the wire than semi-flush without reducing the cutting capacity. Finer cutting edges.





Super Full Flush: Leaves absolutely flush wire ends. Prevents soldering tags in soldering-bath procedures. Suitable for soft wires.





3 Head Shape

There are 6 basic shapes, which differ in shape and design:

Straight, Relieved Head, Tip Cutter: For horizontal and vertical cuts. Facilitates cutting in hard-to-reach areas. High visibility and accessibility.



Pointed, Relieved Head, Tip Cutter: Narrowest head shape. The underside is relieved and facilitates optimum access even to extremely hard-to-reach areas.



Angled, Narrow Head, Tip Cutter: For precise cuts at different working angles. Offers visibility and accessibility.



Angled, Wide Head, Tip Cutter: Precise cuts at different working angles. Offers high cutting capacity.



Tapered Head, Side Cutter: The jaws have straight edges and taper to a point, allowing access to hard-to-reach areas, but reduces the cutting capacity.



Oval Head, Side Cutter: Robust and offers the highest size cutting capacity. Relieved underside provides access to extremely hard-to-reach areas. High visibility.



Erem Side & Tip Cutters - Soft Wire



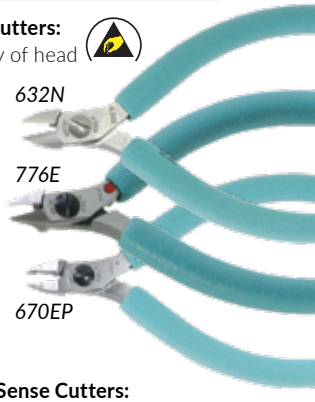
Series 600 – Swiss Micro Cutters, ESD Safe

Cut	*Head Shape*	*Max-Cutting Capacity*	*Overall Length*	*Part No.*	*Price*
Semi-Flush	Oval Head	16-32 AWG	4.25"	**612N**	**$79.00**
Flush	Oval Head	16-32 AWG	4.25"	**622N**	**$70.00**
Super Full Flush	Oval Head	16-32 AWG	4.25"	**632N**	**$74.00**
Flush	Pointed, Relieved Head	24-32 AWG	4.25"	**622NB**	**$68.00**
Flush	Oval, Short Robust Head	24-32 AWG	4.33"	**676E**	**Call**
Super Full Flush	Pointed, Relieved Head	24-32 AWG	4.25"	**776E**	**$99.00**
Super Full Flush	Pointed, Relieved Head	Soft Synthetic Parts	4.25"	**632NCF**	**$96.00**
Flush	Straight, Relieved Head	20-32 AWG	4.33"	**670E**	**$133.00**
Flush	Straight, Short, Relieved	25-30 AWG	4.25"	**670EP**	**$133.00**

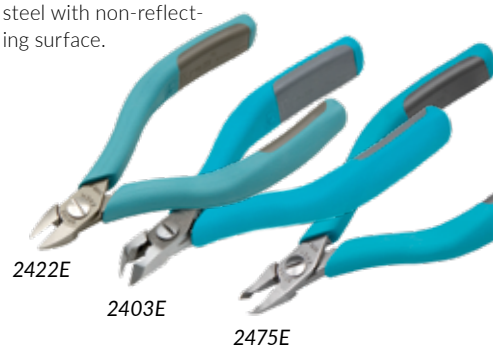
Series 2400 MagicSense – Swiss Medium Cutters, ESD Safe

Cut	*Head Shape*	*Max-Cutting Capacity*	*Overall Length*	*Part No.*	*No Match!*
Semi-Flush	Oval Head	14-28 AWG	5.00"	**2412E**	**$81.00**
Flush	Oval Head	14-32 AWG	5.00"	**2422E**	**$79.00**
Super Full Flush	Oval Head	16-32 AWG	5.00"	**2432E**	**$78.00**
Flush	Angled, Wide Head, 30°	16-30 AWG	5.00"	**2403E**	**$101.00**
Flush	Angled, Wide Head, 30°	18-30 AWG	5.00"	**2404E**	**$102.00**
Flush	Angled, Narrow Head, 45°	18-30 AWG	5.00"	**2482E**	**$93.00**
Flush	Angled, Narrow Head, 45°	22 AWG	5.00"	**2475E**	**$99.00**
Semi-Flush	Tapered Head/Carbide	16 AWG	4.25"	**2495T**	**$192.83**

Series 600 Micro Cutters: Offer a wide variety of head shapes for access in difficult-to-reach areas. Some models are suitable for SMD and leads (670EP, 670EPF). They are all made from high-grade tool steel with non-reflecting surface.



Series 2400 MagicSense Cutters: Medium-size cutters. They combine robustness, visibility and accessibility. Optimized ergonomic shape. Cutting edges made from special tool steel with non-reflecting surface.



Erem Side & Tip Cutters - Soft Wire

Series 500 Medium Cutters: Medium size, robust, precision cutters that are manufactured from high-grade tool steel. Non-reflecting surface.



Series 500 – Swiss Medium Cutters, ESD Safe

Cut	Head Shape	Max-Cutting Capacity	Overall Length	Part No.	Price
Semi-Flush	Oval Head	14-28 AWG	4.50"	**512N**	**$75.00**
Flush	Oval Head	14-32 AWG	4.50"	**522N**	**$73.00**
Flush	Short, Robust Oval Head	16-30 AWG	4.50"	**599E**	**$80.00**
Super Full Flush	Oval Head	16- 32 AWG	4.50"	**532N**	**$86.00**
Flush	Tapered Head	18-30 AWG	4.50"	**595E**	**$79.00**
Flush	Short Tapered Head	18-30 AWG	4.50"	**577E**	**Call**
Flush	Angled, Narrow Robust Head, 35°	18-30 AWG	4.75"	**555E**	**Call**
Flush	Angled, Narrow Head, 40°	22-30 AWG	4.50"	**572E**	**$89.00**
Flush	Angled, Narrow Head, 45°	20-30 AWG	4.50"	**582E**	**$90.00**
Flush	Angled, Narrow Head, 45° W/Lead Catcher	20-30 AWG	4.50"	**582EW**	**$118.00**
Flush	Angled, Narrow Head For Dil Contacts, 30°	20-30 AWG	4.75"	**593AE**	**$123.00**
Flush	Angled, Narrow Head, 45°	22-30 AWG	4.25"	**575E**	**$90.00**
Flush	Pointed, Relieved Head	24-32 AWG	4.50"	**592E**	**$88.00**
Super Full Flush	Pointed, Relieved Head	24-30 AWG	4.50"	**792E**	**$101.00**
Flush	Relieved Head, Long Straight	24-30 AWG	4.75"	**570E**	**$89.00**
Flush	Straight Head (Vertical Use)	21-30 AWG	4.50"	**573E**	**$103.00**
Semi-Flush	Angled, Wide, Oblique, 30°, Carbide	30-18 AWG	4.33"	**503ET**	**Call**
Flush	Angled, Wide, Oblique, 30°, Carbide	30-18 AWG	4.25"	**503ETF**	**$201.00**



Side & Tip Cutters - Hard Wire



Series 800 Maxi Cutters: Maxi-sized cutter for general cutting applications in electronics. Made from high-grade tool steel. Cuts large wire diameters. Non-reflecting surface.

Series 800 – Swiss Maxi Cutters

Cut	Head Shape	Max-Cutting Capacity	Overall Length	Part No.	Price
Semi-Flush	Oval Head	14-30 AWG	4.75"	**812N**	**$79.00**
Flush	Oval Head	14-30 AWG	4.75"	**822N**	**$79.00**



Pneumatic Precision Cutter

Heavy-Duty Power Pack for Precision Cutter - 5.00"

This small precision pneumatic cutter housing is for electronic component leads and parts. It uses modified Erem Magic cutter heads and includes the housing and tubing. Works on 70-85 psi. Suitable for cutting conventional components, soft metals or small plastic parts. Extremely versatile thanks to a selection of different cutting heads. Cutter heads are sold separately. ***Requires 4-6 bar oil-free, clean compressed air.***



Description	Cut	Max. Cutting Capacity	Part No.	Price
Precision Power Pack	N/A	N/A	**1500BSF**	**$352.00**
Oval Head Side Cutter	Flush	16-30 AWG	**1522N**	**$200.00**
Tapered Head Side Cutter	Flush	18-30 AWG	**1522NA**	**$217.00**
Tapered Relieved Head Side Cutter	Flush	18-30 AWG	**1522NB**	**$200.00**
Angled Head 30° Tip Cutter	Flush	18-30 AWG	**1503E**	**$221.00**

Pneumatic Heads for Precision Power Pack

These Swiss 1.8" pneumatic, precision cutter heads are light, easily interchangeable, suitable for cutting conventional components, soft metals and/or small plastic parts, and have been rated at over 1 million cuts.



1522N: Oval head for medium hard wire featuring a flush cut.



1522NA: Tapered head for medium hard wire featuring a flush cut.



1522NB: Tapered relieved head for medium hard wire featuring a flush cut. Narrowest head shape.



1503E: 30° angled head with oblique nipper that has a flush cut.

Techni-Tool How To Choose The Right Tweezers

Many people think choosing the tweezer head is most important. But selecting the right materials can make a critical difference to the cost and success of your application.

- Stainless Steel: Anti-magnetic. Resists rust, corrosives, acids.
- Carbon Steel: Highly magnetic, hardened tips. Extends life but is susceptible to rust.
- Titanium: 40% lighter than steel soft tips. Fully anti-magnetic, resists chemicals and corrosion. Surface is contamination-free, bio-compatible.
- Nickel: Nickel silver, anti-magnetic. Resistant to corrosion to alkalis and organic acids.
- Brass: Non-sparking, soft tips, anti-magnetic. Excellent for handling parts that scratch easily.
- Carbon Fiber: ESD-safe. Resistant to heat and chemicals. Lightweight.
- Peek: ESD-safe, resistant to high heat (572°F/300°C) and aggressive chemical agents. Very hard and rigid.
- Glass-filled Delrin: Acid-resistant, low-moisture absorption, lightweight. Insulating. Good chemical resistance.
- Ceramic: Zirconia-reinforced aluminum with stainless-steel handle. High strength and hardness. Excellent thermal properties to 2552°F/1400°C. Corrosion resistant, anti-magnetic and insulating.
- Diamond Coated: Stainless-steel coating with material featuring crystal structure similar to natural diamond. Long-wearing, ESD-safe, anti-magnetic. Surface is contaminant-free, bio-compatible. Chemically inert to 662°F/350°C. Contaminant free.

Swiss Quality Production Tweezers

Techni-Tool brand tweezers are handcrafted in Switzerland to precise tolerances using the finest alloys available. Quality guaranteed – our name is on every one!



	Material	OAL	Part No.	Price
0 General-purpose assembly, slim blades tapering to fine round points.	Stainless Steel	4-1/2"	758TW522	$27.26
00 Strong, heavy-duty blades, tapering to regular strong points.	Stainless Steel	4-3/4"	758TW446	$27.00
	Titanium		758TW125	$47.80
000 Fine point radius edges.	Stainless Steel	4-3/4"	758TW260	$31.50
	Carbon Steel		758TW127	$38.88
	Titanium		758TW128	$57.83
0A Slim blades, reduced tips, rounded points.	Stainless Steel	4-1/2"	758TW256	$42.60
0C9 Small slim tweezer, extra fine points.	Stainless Steel	3-1/2"	758TW514	$24.75
	Carbon Steel		758TW332	$30.63
	Titanium		758TW124	$47.95
00D Strong, heavy-duty blades tapering to regular strong points with serrations on the tips and handles for better grip.	Stainless Steel	5"	758TW450	$27.13
	Carbon Steel		758TW283	$33.70
1 General use, with fine points.	Stainless Steel	4-3/4"	758TW454	$24.75
	Titanium		758TW414	$48.28
2 General use, blades taper sharply from body, strong regular beveled points.	Stainless Steel	4-3/4"	758TW458	$26.18
2A Flat .050" tips, smooth on all sides to prevent marring silicon, germanium and crystal wafers.	Stainless Steel	4-3/4"	758TW462	$22.78
	Carbon Steel		758TW132	$30.30
	Titanium		758TW422	$48.60
2AB Curved tips, long, thin and rounded. Tip width 1.28mm. For semiconductor wafers.	Stainless Steel	4-7/8"	758TW062	$28.00
	Titanium		758TW142	$53.30
2AD Flat .050" tips, smooth on all sides to prevent marring silicon, germanium and crystal wafers, with a serrated handle for a firm grip.	Stainless Steel	4-3/4"	758TW468	$33.20
2AZ S-Shaped Bent Tip.	Stainless Steel	4-1/16"	758TW066	$39.45
3 Very fine, rounded points for assembly work.	Stainless Steel	4-3/4"	758TW474	$24.46
3C Very fine, rounded points for assembly work.	Stainless Steel	4-3/8"	758TW478	$24.52
	Carbon Steel		758TW298	$30.63
	Titanium		758TW428	$42.46
3CI Very fine, rounded points, for assembly work, anti-crush feature.	Stainless Steel	4-1/2"	758TW194	$43.43
4 For extra-fine work. Blades taper sharply from body to very fine, long, rounded points.	Stainless Steel	4-1/4"	758TW482	$26.13
	Carbon Steel		758TW302	$34.24
5 For extra-fine work.Long blades break sharply and taper to super-fine, round points.	Stainless Steel	4-3/8"	758TW486	$29.47
	Carbon Steel		758TW306	$35.80
	Titanium		758TW434	$54.60

Techni-Tool Swiss Quality Production Tweezers

	Material	OAL	Part No.	Price
5A Fine strong points with an improved blade angle for visibility.	Stainless Steel	4-3/8"	**758TW490**	**$29.18**
	Carbon Steel	4-3/8"	**758TW157**	**$35.80**
	Titanium	4-3/8"	**758TW161**	**$57.33**
6 For wire coiling or hairspring. Sharply angled, super-fine, tapered points. Point length: 9/16".	Stainless Steel	4-1/2"	**758TW494**	**$36.25**
	Carbon Steel	4-1/2"	**758TW310**	**$44.88**
	Titanium	4-1/2"	**758TW438**	**$64.00**
7 For assembly work, hand can rest on bench. Curved, super fine, smooth rounded points.	Stainless Steel	4-1/2"	**758TW498**	**$30.53**
	Carbon Steel	4-1/2"	**758TW314**	**$38.55**
	Titanium Steel	4-1/2"	**758TW442**	**$57.50**
7B Same as type No. 7 but with serrated jaws for non-slip action.	Stainless Steel	4-1/2"	**758TW502**	**$30.63**
	Carbon Steel	4-1/2"	**758TW318**	**$38.55**
	Titanium	4-1/2"	**758TW165**	**$57.50**
8 Extra-heavy tweezer for bending or straightening, blades angle to non-cutting knife edge.	Stainless Steel	4-1/2"	**758TW506**	**$47.96**
51S For die attaching.	Stainless Steel	4-5/8"	**758TW202**	**$36.28**
	Carbon Steel	4-5/8"	**758TW163**	**$54.80**
	Titanium	4-5/8"	**758TW164**	**$52.35**
250SA Slotted beak with round tips.	Stainless Steel	4-1/8"	**758TW0250**	**$73.49**
AA Fine tips with beveled edges.	Stainless Steel	4-3/8"	**758TW530**	**$21.94**
AC Strong, short, heavy blade, fine-tip tweezers, with serrated firm grips.	Stainless Steel	4-1/4"	**758TW526**	**$27.13**
F Flattened tips.	Stainless Steel	4-3/4"	**758TW240**	**$35.13**
GG Heavy-duty tweezer, long blades break sharply from body to fine rounded points.	Stainless Steel	5"	**758TW534**	**$18.98**
MM Assembly tweezer, extra-long blades, fine beveled points.	Stainless Steel	5"	**758TW538**	**$18.63**
SS-SA Super-slim precision tweezers ideal for working near heat sources. Straight, sharp tips. (Switzerland)	Stainless Steel	6"	**758TW606**	**$29.48**
	Titanium		**758TW170**	**$58.00**
12 Non-magnetic, strong, fine tips.	Nickel	4-3/4"	**758TW467**	**$35.65**
2 Non-magnetic, flat, sharp, fine tips.	Brass	4-3/4"	**758TW231**	**$37.43**
4 Non-magnetic, extra fine tips.	Brass	4-1/4"	**758TW233**	**$48.81**
27C Non-magnetic, strong, sharp, fine tips.	Brass	5-1/3"	**758TW237**	**$37.43**
AM Anti-sparking brass version of pattern MM. Excellent for handling parts that scratch easily.	Brass	5"	**758TW236**	**$37.43**

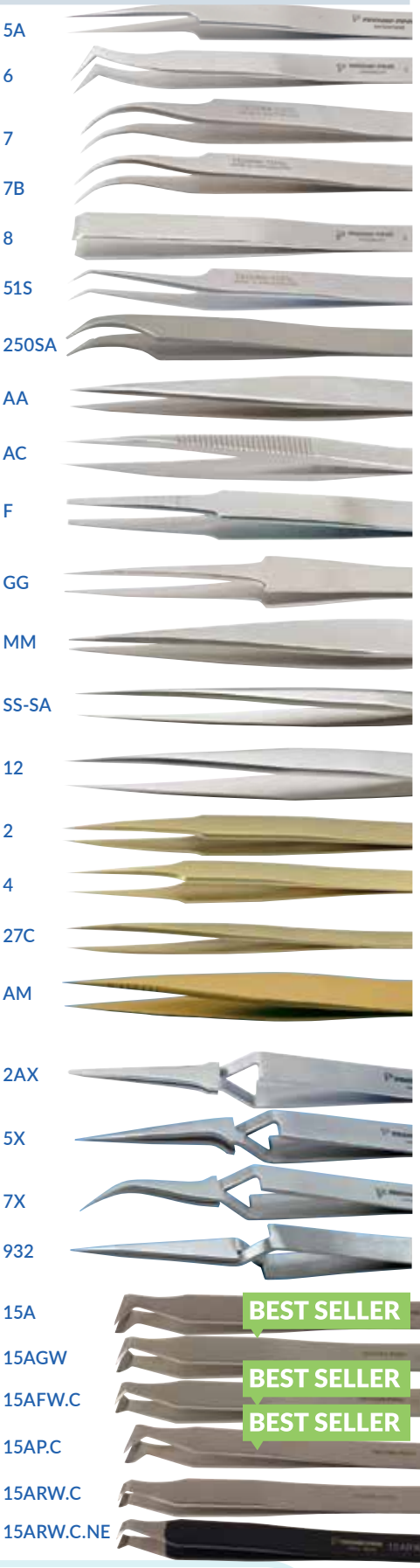
Reverse-Action Tweezers

2AX Reverse action. Blunt tip.	Stainless Steel	4-3/4"	**758TW602**	**$40.20**
5X Reverse action.	Stainless Steel	4-3/8"	**758TW605**	**$45.35**
7X Reverse action. Bent tip.	Stainless Steel	41/2"	**758TW607**	**$45.35**
932 Squeeze handles to open points. Small blades, sharp smooth points.	Stainless Steel	4-3/4"	**758TW518**	**$26.08**

Carbon-Steel Cutting Tweezers

High-precision Swiss tweezers feature strong, nipper-like cutting blades for soft copper, gold, silver and magnetic wire. 57 HRC hardness for long-lasting strength.

15A Angled cutting edge.	Carbon Steel	4-3/4"	**758TW326**	**$49.50**
15AGW Parallel cutting edge.	Carbon Steel	4-3/4"	**758TW330**	**$49.50**
15AFW.C. Parallel cutting edge.	Carbon Steel	4-3/4"	**758TW1152**	**$77.19**
15AP.C. Parallel cutting edge.	Carbon Steel	4-3/4"	**758TW1151**	**$49.50**
15ARW.C. Angled cutting edge.	Carbon Steel	4-3/4"	**758TW0150**	**$66.15**
15ARW.C.NE Angled cutting edge w/ ESD-safe epoxy coating.	Carbon Steel	4-3/4"	**758TW0151**	**$83.03**



EXCELTA® SINCE 1957 Tweezers

Slender Tips, Fine Points, 4.5" (L)

Material	Part No.	Price
Swiss (SA)	**1-SA**	**$32.59**
Swiss (S)	**1-S**	**$34.60**
Italian (SA)	**1-SA-PI**	**$17.70**
Economy (SA)	**TST-1-SA**	**$6.50**

Tapered Tips, Medium Points, 4.75" (L)

Swiss (SA)	**2-SA**	**$35.03**
Swiss (CO)	**2-CO**	**$122.28**
Italian (SA)	**2-SA-PI**	**$17.38**
Economy (SA)	**TST-2-SA**	**$6.50**

Tapered Tips, Flat Round Points, 4.75" (L)

Swiss (SA)	**2A-SA**	**$33.82**
Swiss (CAS)	**2A***	**$41.68**
Italian (SA)	**2A-SA-PI**	**$17.86**
Economy (SA)	**TST-2A-SA**	**$6.50**

Very Fine Tips, Precision Points, 4.75" (L)

Swiss (SA)	**3-SA**	**$35.15**
Swiss (CO)	**3-CO**	**$128.76**
Italian (SA)	**3-SA-PI**	**$17.86**
Economy (SA)	**TST-3-SA**	**$6.50**

Very Fine Tips, Precision Points, 4.25" (L)

Swiss (SA)	**3C-SA**	**$32.34**
Swiss (CO)	**3C-CO**	**$122.30**
Swiss (TA)	**3C-TA**	**$81.20**
Italian (SA)	**3C-SA-PI**	**$17.86**
Economy (SA)	**TST-3C-SA**	**$6.50**

Tapered Tips, Very Fine Points, 4.25" (L)

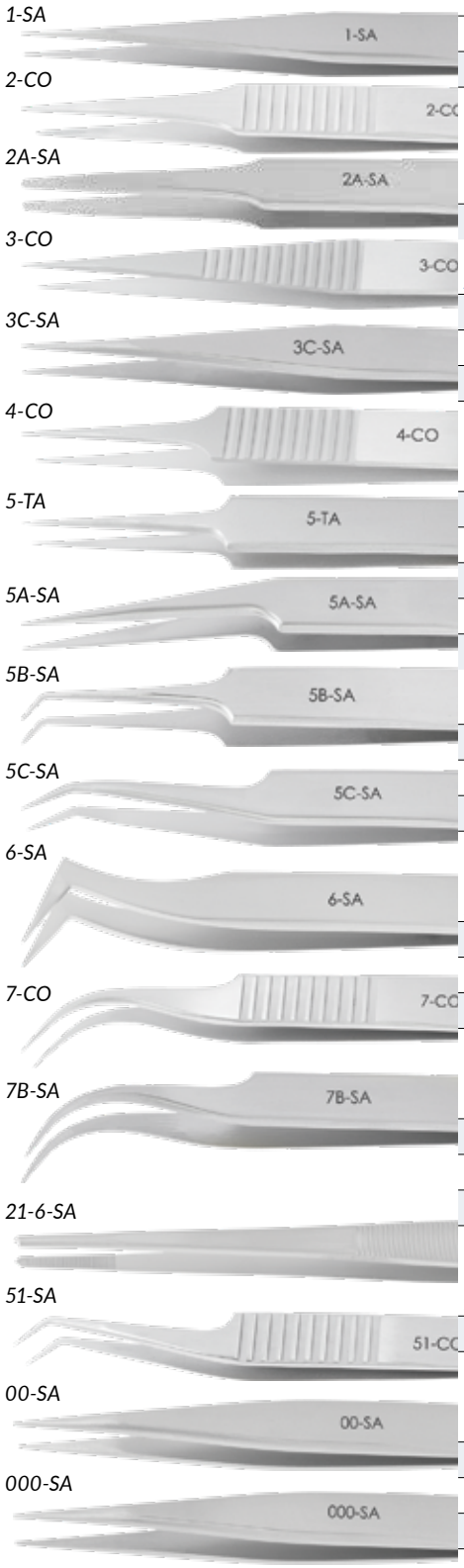
Swiss (SA)	**4-SA**	**$40.85**
Swiss (CO)	**4-CO**	**$136.00**
Italian (SA)	**4-SA-PI**	**$18.76**
Economy (SA)	**TST-4-SA**	**$6.50**

Micro Fine Tips, High-Precision Points, 4.25" (L)

Swiss (SA)	**5-SA**	**$46.25**
Swiss (CO)	**5-CO**	**$150.79**
Swiss (TA)	**5-TA**	**$109.33**
Italian (SA)	**5-SA-PI**	**$19.96**
Economy (SA)	**TST-5-SA**	**$6.50**

Micro Fine Tips, High-Precision Points, 4.5" (L)

Swiss (SA)	**5A-SA**	**$44.22**
Swiss (CO)	**5A-CO**	**$139.17**
Swiss (S)	**5A-S**	**$62.02**
Italian (SA)	**5A-SA-PI**	**$19.96**
Economy (SA)	**TST-5A-SA**	**$6.50**



NOTE
Part numbers marked with an asterisk (*) are not antimagnetic.

Oblique Angle Tips, High-Precision Points, 4.25" (L)

Material	Part No.	Price
Swiss (SA)	**5B-SA**	**$58.48**
Italian (SA)	**5B-SA-PI**	**$29.69**

Oblique Angle Circumvented Tips, High-Precision Points, 4.5" (L)

Swiss (SA)	**5C-SA**	**$58.02**

Angled Tips, Flat Sharp Points, 4.5" (L)

Swiss (SA)	**6-SA**	**$57.21**
Italian (SA)	**6-SA-PI**	**$21.02**
Swiss (S)	**6-S**	**$51.37**
Economy (SA)	**TST-6-SA**	**$6.50**

Curved Tips, High-Precision Points, 4.5" (L)

Swiss (SA)	**7-SA**	**$37.81**
Swiss (CO)	**7-CO**	**$152.90**
Swiss (TA)	**7-TA**	**$98.02**
Italian (SA)	**7-SA-PI**	**$19.96**
Economy (SA)	**TST-7-SA**	**$6.50**

Curved Tips, Fine Serrated Points, 4.5" (L)

Swiss (SA)	**7B-SA**	**$50.04**
Swiss (CO)	**7B-CO**	**$135.61**
Italian (SA)	**7B-SA-PI**	**$20.86**
Economy (SA)	**TST-7B-SA**	**$6.50**

Straight Strong Tips, Broad Serrated Points, 6" Or 8"

Swiss (SA), 6"	**21-6-SA**	**$56.45**
Swiss (SA), 8"	**21-8-SA**	**$75.29**
Italian (SA), 6"	**21-SA-PI**	**$26.53**
Economy (SA), 6"	**21-SA-SE**	**$7.87**

Offset Oblique Angle Tips, Micro-Fine Points, 4.5"

Swiss (SA)	**51-SA**	**$53.32**
Italian (SA)	**51-SA-PI**	**$29.69**
Swiss (CO)	**51-CO**	**$153.29**
Swiss (S)	**51-S**	**$54.65**

Straight Tips, Medium Points, 4.75"

Econ. (SA), Serrated Jaw	**TST-231A-SA**	**$6.50**
Econ. (SA), Smooth Jaw	**TST-231-SA**	**$6.50**

Medium Tips, Strong Straight Points, 4.5"

Swiss (SA)	**00-SA**	**$34.68**
Swiss (CAS)	**00***	**$54.52**
Italian (SA)	**00-SA-PI**	**$22.59**
Economy (SA)	**TST-00-SA**	**$6.50**

Straight Strong Tips, Blunt Radius Edges, 4.75"

Swiss (SA	**000-SA**	**$41.06**
Italian (SA)	**000-SA-PI**	**$20.60**

EXCELTA Tweezers Continued

00D-SA



AA-SA



AC-SA



MM



SS-SA



NOTE
Part numbers marked with an asterisk (*) are not antimagnetic.

Straight Strong Tips, Serrated Points, 4.75"

Material	*Part No.*	*Price*
Swiss (SA)	**00D-SA**	**$34.68**
Swiss (CAS)	**00D***	**$47.37**
Italian (SA)	**00D-SA-PI**	**$22.59**
Economy (SA)	**TST-00D-SA**	**$6.50**

Straight Tips, Medium Points, 5"

Swiss (SA)	**AA-SA**	**$34.34**
Swiss (CAS)	**AA***	**$28.04**
Italian (SA)	**AA-SA-PI**	**$17.76**
Economy (SA)	**TST-AA-SA**	**$6.50**

Straight Strong Tips, Medium Fine Points, 4.25"

Material	*Part No.*	*Price*
Swiss (SA)	**AC-SA**	**$39.87**
Swiss (CAS)	**AC***	**$55.19**
Italian (SA)	**AC-SA-PI**	**$18.70**
Economy (SA)	**TST-AC-SA**	**$6.50**

"Boley" Style Straight Tips, Sturdy Points, 5"

Swiss (CAS)	**MM***	**$67.30**
Italian (SA)	**MM-SA-PI**	**$17.24**
Economy (SA)	**MM-SA-SE**	**$4.92**

Long Straight Tips, Precision Points, 5.5"

Swiss (SA)	**SS-SA**	**$51.32**
Italian (SA)	**SS-SA-PI**	**$17.70**
Economy (SA)	**TST-SS-SA**	**$6.50**

Swiss Carbon-Steel Cutting Tweezers

Tradditional cutting tweezers feature super-sharp flush cutting blades made for cutting soft wire up to 0.010". These tools are considered a tip cutter in that the blades meet most predominately at the tip. All of the force applied to the tweezer gets transferred to the very tip of the tool. They are epoxy coated to prevent oxidation. Made in Switzerland from high-grade carbon-steel (CAS) with flame-hardened edges and coated with an ESD-safe coating (10^5 - 10^6 ohms/sq).

General Purpose Angled Head, 4.5"

Length	*A*	*B*	*C*	*D*	*Part No.*	*Price*
4.500"	0.393"	0.215"	0.375"	110°	**15A-GW**	**$91.55**

Fine Round Tip, 4.5"

4.500"	0.393"	0.095"	0.200"	110°	**15A-RW**	**$106.92**

Short Fine Blade Head, 4.5"

4.500"	0.393"	0.215"	0.300"	110°	**15A-C**	**$84.45**

Short Radius Face Head, 4.5"

4.500"	0.393"	0.250"	0.300"	110°	**15A-SW**	**$102.73**

15A-GW



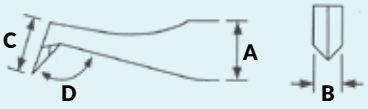
15A-RW



15A-C



Tip Illustration



15A-SW



Erem Swiss Ergonomic Tweezers, ESD Safe

These precision tweezers feature ergonomic handles that reduce hand fatigue and facilitate comfortable working. Thermally insulated, soft foam handles are ESD-safe. Tweezers feature thin shaped tips to suit every application. Swiss-made. Made of special stainless steel and are non-magnetic, non-rusting, acid-proof and heat-resistant.

Description	*Length*	*Material*	*Part No.*	*Price*
Straight, Very Pointed Tips For Gripping Fine Wires	4.75"	Swiss (SA)	**E5SA**	**$43.50**
Long, Straight & Pointed Tips For Assembly Jobs On Printed-Circuit Boards	4.75"	Swiss (SA)	**E3CSA**	**$41.70**
Straight, Strong Tips For Standard Applications, Very Robust	4.75"	Swiss (SA)	**EOOSA**	**$40.20**
Straight, Strong Tips For Standard Applications, Very Robust, With Inside-Serrated Tips	4.75"	Swiss (SA)	**EOODSA**	**$45.90**
Curved Strong Tips For Working In Confined Spaces	4.75"	Swiss (SA)	**E7SA**	**$44.60**
Straight, Flat & Rounded Tips For Simple Gripping Jobs - Tip Width 2mm/0.78"	4.75"	Swiss (SA)	**E2ASA**	**$28.50**

E5SA

E3CSA

EOOSA

EOODSA

E7SA

E2ASA

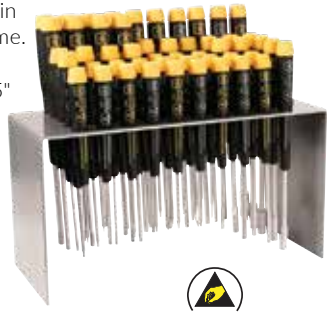


wiha Tools that work for you

ESD-Safe Screwdrivers & Nut, Hex, Torx Drivers

50-Piece ESD Master Tech Benchtop Set

This set comes in a plexiglass frame. Overall length ranges from 4.5" – 6.5".



Includes:
- Chip Lifter
- Slotted: 0.8mm, 1mm, 1.2mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm
- Phillips: #000, #00, #0, #1
- Hex: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 0.71mm, 0.89mm, 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm
- Torx: T1, T2, T3, T4, T5, T6, T7, T8, T9, T10, T15, T20
- Nut Drivers: 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm

Description	Part No.	Price
50-Piece ESD Benchtop Set	**92092**	**$379.20**

Slotted Screwdrivers, Precision ESD-Safe Dissipative Handle

Blade is made of high alloy chrome-vanadium-molybdenum steel. Hard chrome finished. Handle manufactured from impact-resistant, dissipative material. Handle surface resistivity: 10^6 - 10^9 Ω.



				Part No.	Price
1/32"	1.6"	0.01"	4.7"	**27208**	**$7.54**
0.039"	1.6"	0.01"	4.7"	**27210**	**$7.32**
3/64"	1.6"	0.01"	4.7"	**27212**	**$7.32**
1/16"	1.6"	0.01"	4.7"	**27215**	**$7.00**
5/64"	1.6"	0.02"	4.7"	**27220**	**$5.88**
5/64"	3.0"	0.02"	6.7"	**27222**	**$6.68**
5/64"	3.9"	0.02"	7.7"	**27223**	**$7.14**
5/64"	5.9"	0.02"	9.6"	**27224**	**$7.86**
3/32"	2.0"	0.02"	5.7"	**27225**	**$6.06**
3/32"	3.9"	0.02"	7.7"	**27227**	**$7.14**
3/32"	5.9"	0.02"	9.6"	**27228**	**$7.86**
1/8"	2.0"	0.02"	5.7"	**27230**	**$6.06**
1/8"	3.9"	0.02"	8.3"	**27232**	**$6.52**
1/8"	5.9"	0.02"	10.2"	**27234**	**$7.86**
9/64"	2.4"	0.02"	6.7"	**27235**	**$6.56**
9/64"	3.9"	0.02"	8.3"	**27237**	**$7.14**
9/64"	5.9"	0.02"	10.2"	**27238**	**$8.04**
5/32"	2.4"	0.03"	6.7"	**27240**	**$7.04**
5/32"	3.9"	0.03"	8.3"	**27242**	**$7.30**
5/32"	5.9"	0.03"	10.2"	**27243**	**$8.52**

7-Piece, Extra-Long Slotted/Phillips Set, Precision ESD-Safe Dissipative Handle

Blade: CVM steel, hardened, hard chromed. Handle: impact-resistant, dissipative material. 150mm long shank. Handle surface resistivity: 10^6 - 10^9 Ω.



Includes:
- Slotted: 2.0mm, 2.5mm, 3.0mm, 3.5mm, 4.0mm
- Phillips: #0, #1

Description	Part No.	Price
7-Piece Set	**27393**	**56.34**

Phillips Screwdrivers, Precision ESD-Safe Dissipative Handle

Blade is made of high-alloy CVM steel. Hard chrome finished. Handle manufactured from impact-resistant, dissipative material. Handle surface resistivity: 10^6 - 10^9 Ω.



				Part No.	Price
000	1.6"	0.08"	4.7"	**27302**	**$9.74**
00	1.6"	0.08"	4.7"	**27305**	**$6.66**
00	3.0"	0.08"	6.1"	**27307**	**$8.50**
0	2.0"	0.12"	5.7"	**27310**	**$6.30**
0	3.9"	0.12"	7.6"	**27314**	**$7.88**
0	5.9"	0.12"	9.6"	**27316**	**$8.56**
1	2.3"	0.16"	6.7"	**27320**	**$6.40**
1	3.0"	0.16"	6.1"	**27322**	**$7.38**
1	3.9"	0.16"	8.2"	**27324**	**$8.12**
1	5.9"	0.16"	10.2"	**27326**	**$8.52**

Torx® Screwdrivers, Precision ESD-Safe Dissipative

Blade is made of high-alloy CVM steel. Hard chrome finished. Handle manufactured from impact-resistant, dissipative material. Handle surface resistivity: 10^6 - 10^9 Ω.



			Part No.	Price
T1	1.6"	4.7"	**27801**	**$9.38**
T2	1.6"	4.7"	**27802**	**$9.18**
T3	1.6"	4.7"	**27803**	**$9.18**
T4	1.6"	4.7"	**27804**	**$8.54**
T5	1.6"	4.7"	**27805**	**$8.54**
T6	1.6"	4.7"	**27811**	**$8.54**
T7	1.6"	4.7"	**27817**	**$8.54**
T8	1.6"	4.7"	**27823**	**$8.54**
T9	2.0"	5.7"	**27829**	**$8.54**
T10	2.0"	5.7"	**27835**	**$8.90**
T15	2.4"	6.7"	**27841**	**$8.90**
T20	2.4"	6.7"	**27847**	**$8.90**

Hex Driver, Precision ESD-Safe Dissipative Handle

Blade is high-alloy CVM steel. Hard chrome finished. Handle surface resistivity: 10^6 - 10^9 Ω. Handle made from impact-resistant, dissipative material.



			Part No.	Price
0.028"	1.6"	4.7"	**27505**	**$7.06**
0.035"	1.6"	4.7"	**27510**	**$7.06**
0.050"	1.6"	4.7"	**27513**	**$6.90**
1/16"	2.0"	5.7"	**27537**	**$6.44**
5/64"	2.0"	5.7"	**27539**	**$6.26**
3/32"	2.4"	6.7"	**27541**	**$5.94**
7/64"	2.4"	6.7"	**27543**	**$5.94**
1/8"	2.4"	6.7"	**27545**	**$5.94**
9/64	2.4"	6.7"	**27547**	**$6.24**
5/32"	2.4"	6.7"	**27549**	**$6.24**

Inch Nut Driver, Precision ESD-Safe Dissipative Handle

Blade is high-alloy CVM steel. Hard chrome finished. Handle surface resistivity: 10^6 - 10^9 Ω. Handle made from impact-resistant, dissipative material.



			Part No.	Price
3/32"	2.4"	6.1"	**27701**	**$9.38**
7/64"	2.4"	6.1"	**27703**	**$9.38**
1/8"	2.4"	6.1"	**27705**	**$9.38**
9/64"	2.4"	6.1"	**27707**	**$9.38**
5/32"	2.4"	6.1"	**27709**	**$9.38**
3/16"	2.4"	6.1"	**27711**	**$9.38**
7/32"	2.4"	6.7"	**27713**	**$9.38**
1/4"	2.4"	6.7"	**27715**	**$9.38**

IP Torx Plus® Drivers, ESD-Safe Dissipative Handle

Blade is high-alloy CVM steel. Hard chrome finished. Handle surface resistivity: 10^6 - 10^9 Ω. Handle made from impact-resistant, dissipative material.



			Part No.	Price
IP4	1.6"	4.7"	**27850**	**$9.40**
IP5	1.6"	4.7"	**27851**	**$9.40**
IP6	1.6"	4.7"	**27852**	**$9.40**
IP7	1.6"	4.7"	**27853**	**$9.40**
IP8	1.6"	4.7"	**27854**	**$9.40**
IP9	1.6"	5.7"	**27855**	**$9.40**
IP10	1.6"	5.7"	**27856**	**$9.40**
IP15	1.6"	6.7"	**27857**	**$9.40**

wiha Tools that work for you

Screwdrivers & Nut, Hex, Torx Drivers

50-Piece Master Tech Benchtop Set

This set comes in a plexiglass frame. Overall length ranges from 4.5" – 6.5".



Includes:

- Chip Lifter
- Slotted: 0.8mm, 1mm, 1.2mm, 1.5mm, 1.8mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm
- Phillips: #000, #00, #0, #1
- Hex: 0.028", 0.035", 0.050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 1.27mm, 1.5mm, 2mm, 2.5mm, 3mm
- Torx: T1, T2, T3, T4, T5, T6, T7, T8, T9, T10
- Nut Drivers: 1.5mm, 1.8mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm

Description	Part No.	Price
50-Piece Benchtop Set	**92190**	**$276.70**

Slotted Screwdrivers, Precision Handle

Blade is made of high-alloy chrome-vanadium-molybdenum steel.



				Part No.	Price
1/32"	1.6"	0.01"	4.7"	**26008**	**$6.76**
0.039"	1.6"	0.01"	4.7"	**26010**	**$6.24**
3/64"	1.6"	0.01"	4.7"	**26012**	**$5.28**
1/16"	1.6"	0.01"	4.7"	**26015**	**$4.94**
0.070"	1.6"	0.01"	4.7"	**26018**	**$4.76**
5/64"	1.6"	0.02"	4.7"	**26020**	**$4.58**
5/64"	2.0"	0.02"	5.7"	**26022**	**$4.58**
5/64"	3.9"	0.02"	7.1"	**26023**	**$4.58**
3/32"	2.0"	0.02"	5.7"	**26025**	**$4.28**
3/32"	3.9"	0.02"	7.7"	**26027**	**$4.28**
3/32"	6.0"	0.02"	9.6"	**26028**	**$5.62**
1/8"	2.0"	0.02"	5.7"	**26030**	**$4.16**
1/8"	2.4"	0.02"	6.7"	**26032**	**$4.44**
1/8"	3.9"	0.02"	8.3"	**26033**	**$4.76**
1/8"	5.9"	0.02"	10.2"	**26034**	**$5.62**
9/64"	2.4"	0.02"	6.7"	**26035**	**$4.58**
5/32"	2.4"	0.03"	6.7"	**26040**	**$5.14**
5/32"	3.9"	0.03"	8.3"	**26041**	**$5.14**
5/32"	5.9"	0.03"	10.2"	**26042**	**$6.04**

7-Piece Precision Slotted/Phillips Set

Blade is made of high-alloy CVM steel.



Includes:

- Slotted: 1.5mm x 40mm, 2.0mm x 50mm, 2.5mm x 50mm, 3.0mm x 60mm
- Phillips: #00 x 40mm, #0 x 50mm, #1 x 50mm

Description	Part No.	Price
7-Piece Precision Set	**26190**	**$46.24**

Phillips Screwdrivers, Precision Handle

Blade is made of high-alloy CVM steel.



				Part No.	Price
000	1.6"	0.08"	4.7"	**26102**	**$6.66**
00	1.6"	0.08"	4.7"	**26100**	**$5.14**
00	2.9"	0.08"	6.1"	**26101**	**$5.36**
0	2.0"	0.12"	5.7"	**26105**	**$4.62**
0	3.0"	0.12"	6.7"	**26108**	**$4.46**
0	3.9"	0.12"	7.6"	**26107**	**$4.96**
0	5.9"	0.12"	9.6"	**26109**	**$6.04**
1	2.3"	0.16"	6.6"	**26110**	**$4.76**
1	3.1"	0.16"	7.5"	**26113**	**$5.22**
1	3.9"	0.16"	8.2"	**26114**	**$5.22**
1	5.9"	0.16"	10.2"	**26115**	**$6.44**

Torx® Screwdrivers, Precision Handle

Blade is made of high-alloy CVM steel.



			Part No.	Price
T1	1.6"	4.7"	**26701**	**$6.70**
T2	1.6"	4.7"	**26702**	**$6.70**
T3	1.6"	4.7"	**26703**	**$6.02**
T4	1.6"	4.7"	**26704**	**$6.02**
T5	1.6"	4.7"	**26705**	**$6.02**
T6	1.6"	4.7"	**26706**	**$6.02**
T7	1.6"	4.7"	**26707**	**$6.02**
T8	1.6"	4.7"	**26708**	**$6.02**
T9	1.6"	5.7"	**26709**	**$6.02**
T10	1.6"	5.7"	**26710**	**$6.30**
T15	1.6"	6.7"	**26715**	**$6.30**
T20	1.6"	6.7"	**26720**	**$6.30**

Inch Hex Driver, Precision Handle

Blade is made of high-alloy CVM steel.



			Part No.	Price
0.028"	1.6"	4.7"	**26307**	**$5.14**
0.035"	1.6"	4.7"	**26309**	**$5.00**
0.050"	1.6"	4.7"	**26313**	**$4.56**
1/16"	2.0"	5.7"	**26316**	**$4.32**
5/64"	2.0"	5.7"	**26320**	**$4.14**
3/32"	2.4"	6.7"	**26323**	**$4.14**
7/64"	2.4"	6.7"	**26327**	**$3.94**
1/8"	2.4"	6.7"	**26331**	**$3.94**
9/64	2.4"	6.7"	**26333**	**$3.94**
5/32"	2.4"	6.7"	**26336**	**$3.94**

Ball End Hex Inch Screwdriver, Precision Handle

Blade is made of high-alloy CVM steel. Hard chrome finished. Angle entry up to 30°.



			Part No.	Price
0.050"	1.6"	4.7"	**26413**	**$5.28**
1/16"	2.0"	5.7"	**26416**	**$5.28**
5/64"	2.0"	5.7"	**26419**	**$5.28**
3/32"	2.0"	5.7"	**26423**	**$5.28**
7/64"	2.4"	6.7"	**26427**	**$5.28**
1/8"	2.4"	6.7"	**26431**	**$5.28**
9/64"	2.4"	6.7"	**26436**	**$5.28**
5/32"	2.4"	6.7"	**26439**	**$5.28**

Inch Nut Driver, Precision Handle

Blade is made of high-alloy CVM steel. Hard chrome finished.



			Part No.	Price
3/32"	2.4"	6.1"	**26523**	**$5.54**
7/64"	2.4"	6.1"	**26527**	**$5.76**
1/8"	2.4"	6.1"	**26531**	**$6.02**
9/64"	2.4"	6.1"	**26536**	**$6.02**
5/32"	2.4"	6.1"	**26539**	**$6.02**
3/16"	2.4"	6.1"	**26547**	**$6.30**
7/32"	2.4"	6.7"	**26556**	**$6.30**
1/4"	2.4"	6.7"	**26563**	**$6.30**

Torque Drivers

HIOS Plug-In VZ Series Precision Torque Drivers

Plug directly into 110VAC outlet. Built-in AC to DC converter. Has new ergonomic design to minimize operator fatigue. Automatically stops motor rotation once pre-set torque is reached.

HIOS Plug-In VZ Series Precision Torque Drivers

Model	Torque	Drive Size	RPM	Part No.	Price
VZ-1820	3.5-16 lbf/in.	1/4" Hex	2000	**64222**	**$735.56**
VZ-3012	7.8-26 lbf/in.	1/4" Hex	1200	**64224**	**$736.26**
VZ-1820-PS	3.5-16 lbf/in.	1/4" Hex	2000	**64223**	**$735.56**
VZ-3012-PS	7.8-26 lbf/in.	1/4" Hex	1200	**64225**	**$788.00**

TL-Series Precision Torque DC Drivers with Auto Shut-Off Clutch

Model	Torque	Drive Size	RPM on High	RPM on Low	Part No.	Price
TL-6500	1.7-17.4 lbf/in	1/4" Hex	700	500	**65605**	**$344.00**
TL-6500ESD	1.7-17.4 lbf/in	1/4" Hex	700	500	**65606**	**$368.00**
TL-3000	.25-4.0 lbf/in	1/4" Hex	1000	700	**65601**	**$359.00**
TL-3000	.25-4.0 lbf/in	4mm	1000	700	**65602**	**$358.96**
TL-3000ESD	.25-4.0 lbf/in	1/4" Hex	1000	700	**65603**	**$383.00**
TL-3000ESD	.25-4.0 lbf/in	4mm	1000	700	**65604**	**$371.23**

Brushless BLG-Series Torque DC Drivers with Auto Shut-Off Clutch

Model	Torque	Drive Size	RPM on High	RPM on Low	Part No.	Price
BLG-4000	.9 – 4.8 lbf/in	1/4" Hex	1000	690	**65560**	**$469.30**
BLG-4000	.9 – 4.8 lbf/in	4mm	1000	690	**65561**	**$468.49**



TL-Series Precision Torque DC Drivers with Auto Shut-Off Clutch

Exceptionally lightweight, ergonomically balanced ergonomically. Reduced noise and vibration. Low voltage DC operation. Double insulated. Use with PS-55 power source. Includes two torque springs.

Affordable Brushless BLG-Series Torque DC Drivers with Auto Shut-Off Clutch

Compact, lightweight anti-static plastic body, ideal for delicate assembly and cleanroom work. Durable brushless motor eliminates carbon dust and reduces heat. Medium-to-light torque applications. PS-55 power source recommended. Includes detachable 4ft power cord.

Power Packs

Power packs for CL, TL, BL & A Series

HIOS Power Packs For Drivers

Switching power supply offers smaller physical size and more efficient operation. Fused input voltage with circuit breaker protected output. Switchable output voltage gives two-speed option on screwdrivers. CLT-60 Single Tool.



CLT-60

Description	Part No.	Price
HIOS Power Pack	**65520**	**$257.98**

Power packs for CL, SS, TL, BL and A Series

PS-110 Dual Tool Power Source

Operates two drivers individually or simultaneously, making it ideal for workstations with varied torque requirements. Includes a switchable two-speed output rated 30 VDC.



PS-110

Description	Part No.	Price
PS-110 Dual Tool Power Source	**65702**	**$178.00**

Power packs for single tool: CL, SS, TL, BL and A Series

PS-55 Single Power Source

Switchable two-speed output for precision low-voltage electric drivers. Delivers over 30 VDC on high. Standard clutch signal output can be used with counters or programmable logic controller to monitor driver. Can be used with either 110 or 220 VAC input via external switch.

Description	Part No.	Price
PS-55 Single Power Source	**65700**	**$112.07**



PS-55

DTT Series Digital Torque Tester



BEST SELLER

Advanced features with rock-solid construction. Portable and easy to use. Stores 200 readings in memory with time/date stamp. Simple output/download of data. Has nine user-selectable torque units for flexibility. Peak, first peak, and track measurement modes are user-selectable. Includes: software and cables to output to a PC.

Description	Part No.	Price
DTT-10; Range: 0.050 - 10 lbf.in	**66701**	**$3,189.19**
DTT-100; Range: 0.500 - 100.0 lbf.in	**66704**	**$3,519.62**
DTT-500; Range: 2.500 - 500.0 lbf.in	**66706**	**$3,734.84**

Jensen Tool Kits

JTC-17 Tool Kit

Jensen is proud to introduce JTC-17. This new and improved version of the already famous JTK-17 features all the same essential tools you can expect from JENSEN®. Our new tri-lobe screwdrivers come standard along with a new GT-Line case that provides corrosion-proof, waterproof, ultimate protection for your valuable tools. The high-density, two-colored, precision-cut foam assures you'll never leave a tool behind.



Features:

- New GT-Line (IP 67 rated) waterproof case, which is ideal for use in the harshest environments, such as industrial, aeronautical, military, and nautical fields
- All tools stored in a chemical-resistant, two-colored tool control foam, ensuring tool organization and eliminating FOD
- Over 100 of the most requested tools for electro-mechanical repair, including our new tri-lobe screwdrivers

Description	*Part No.*	*Price*
Tool Kit	**JTC-17**	**$995.00**

JTK-32M Electronic Equipment Installation & Service Kit

Jensen's JTK-32M provides a great selection of industrial-grade hand tools required to install and service a variety of electronic equipment.



Features:

- Includes new ergonomic tri-lobe screwdrivers
- Soft-sided wheeled tote case
- Padded laptop section
- Curb/stair skids provide added durability
- Telescoping handle extends to 37"

Description	*Part No.*	*Price*
Electronic Equipment Installation & Service Kit	**JTK-32M**	**$692.00**

JTK-53LW Deluxe Communications Kit

Our most versatile tool kit for the installation and maintenance of communications equipment. Service all your voice and data equipment, including phone switches and data networks.



Features:

- Huge selection of hand tools
- Includes new ergonomic tri-lobe screwdrivers
- Extra-wide case with wheels and 12" depth

Description	*Part No.*	*Price*
Deluxe Communications Kit	**JTK-53LW**	**$1,360.00**



JTK-47DBLB Field Engineer's Kit

Jensen's JTK-47DBLB is a technician's top choice for all field service applications. The diverse tool selection features a wide range of fastening tools, along with wire cutters, pliers, solder iron, and additional tools applicable for electronics repair.

Features:

- Multi-functional tool selection
- Includes new ergonomic tri-lobe screwdrivers
- New ballistic nylon case

Description	*Part No.*	*Price*
Field Engineer's Kit	**JTK-47DBLB**	**$530.50**

JTC-15169 Mobile Avionics General Mechanics Kit

Designed to supply a complete mobile solution for general avionics maintenance and repair. This kit offers a comprehensive mix of aerospace-grade tools housed in the cutting-edge and versatile Jensen Explorer Tool Chest. Each tool has a specific location with a precise two-color silhouetted cut-out for accountability and security. You'll never leave a tool behind.



Features:

- Sturdy injection-molded polypropylene case
- Telescoping handle and wheels
- High-density dual color CNC routed foam
- Efficient tool layout

Description	*Part No.*	*Price*
Mobile Avionics General Mechanics Kit	**JTC-15169**	**Call**

JTK-75WIM Inch/MM Bio-Medical Tech's Kit

Over 100 tools needed to repair and service medical and electronic equipment. The JTK-75WIM has a bottom tool pallet that includes metric hex and nutdrivers, sockets, and open-end wrenches.



Features:

- Includes new ergonomic tri-lobe screwdrivers
- White super tough case is 9-1/4" deep
- Padded handle and chrome flip key latches
- Contains inch and metric tools

Description	*Part No.*	*Price*
Inch/MM Bio-Medical Tech's Kit	**JTK-75WIM**	**$965.00**

Tektronix® TBS1000B SERIES

Digital precision for accurate measurements

- Two channels @ 200 MHz, 150 MHz, 100 MHz, 70 MHz, 50 MHz and 30 MHz
- Up to two GS/s sample rate on all channels
- 2.5k point record length on all channels
- Advanced triggers including pulse and line-selectable video triggers
- 7" WVGA (800 X 480) Active TFT color display
- Front-panel USB host port/rear panel USB device port
- Dual window FFT, simultaneously monitors time and frequency domains
- Built-in waveform limit and TrendPlot™ testing
- Autoset and auto-ranging functions
- Five-year warranty

EDU Models

The TBS1000B-EDU Digital Storage Oscilloscope Series is designed specifically to meet the needs of today's schools and universities. It's the first oscilloscope to use an innovative new courseware system that enables educators to seamlessly integrate teaching materials onto TBS1000-EDU oscilloscopes. The courseware information is presented directly on the oscilloscope display and can be used to provide step-by-step instructions, background theory, hints and tips, or an efficient way for students to document their lab work.

Handles everyday test challenges with advanced features you wouldn't expect

The TBS1000B Digital Storage Oscilloscope Series provides you with affordable performance in a compact design. Packed with standard features — including USB connectivity, 34 automated measurements, limit testing, data logging, frequency counter, TrendPlot™ and a context-sensitive help menu — TBS1000B Series oscilloscopes help you get more done, in less time.



Critical tools for troubleshooting your device

The TBS1000B oscilloscope comes standard with a variety of advanced triggers used to debug today's complex circuitry. Flexible options for utilizing rising or falling edges, pulse widths and video trigger set-ups enable users to quickly isolate their signals of interest. Once signals are captured, the TBS1000B offers advanced math and measurement capabilities, making it easy to evaluate signal quality. Users can add, subtract and multiply waveforms or use any one of 34 automated measurements to quickly and reliably calculate important signal characteristics such as frequency, rise time or overshoot.

With up to 200 MHz bandwidth, 2 GS/s maximum sample rate and 3% vertical measurement accuracy, the TBS1000B allows you to see the details of your signals. With the Tektronix proprietary sampling technology there are no compromises, you will get the stated real-time sampling rate on all channels, all the time with at least 10X oversampling.

Standard Models

Part No.	*Description*	*Price*
TBS1072B	70 MHz, 2-CH, 1 GS/s	**$840**
TBS1102B	100 MHz, 2-CH, 2 GS/s	**$1,150**
TBS1152B	150 MHz, 2-CH, 2 GS/s	**$1,520**
TBS1202B	200 MHz, 2-CH, 2 GS/s	**$1,870**
EDU Models		
TBS1072B-EDU	70 MHz, 2-CH, 1 GS/s	**$790**
TBS1102B-EDU	100 MHz, 2-CH, 2 GS/s	**$1,140**
TBS1152B-EDU	150 MHz, 2-CH, 2 GS/s	**$1,500**
TBS1202B-EDU	200 MHz, 2-CH, 2 GS/s	**$1,870**

Includes: Two (2) passive probes (TPP0051: 50 MHz for TBS1032 and TBS1052B, TPP0101: 100 MHz for TBS1072B, TBS1102B, TPP0201: 200 MHz for TBS1152B, TBS1202B), power cord, printed installation and safety manuals, and additional documentation on CD.

TBS2000 Series

The basic scope that delivers more

- Two- and four- analog channel models
- 100 and 70 MHz bandwidth models
- Up to 1 GS/s sampling rate
- 20 M record length on all channels
- 32 automated measurements and FFT function for thorough waveform analysis
- 9" WVGA color display
- 15 horizontal grids show 50% more signal
- TekVPI Probe Interface enables better application coverage with wide range of active and current probes
- Built-in "Scope Intro" handbook and HelpEverywhere graphical tips for quick reference
- Built-in lab courseware support enables professors to provide lab instructions right on the scope
- Five-year warranty (probes excluded)

Innovate more. Easier than ever before.

With a 9-inch WVGA display, 20 million-point record length and 1 GS/s sample rate, TBS2000 Series Oscilloscopes capture and display significantly more signal to help you evaluate designs faster. Easily and confidently analyze your signals with new on-waveform cursor readouts and 32 automated measurements, each with informative tips to help you quickly choose the right one. The TekVPI® probe interface works with traditional BNC connections, but also enables wide application coverage with the latest active voltage probes and current probes.

Designed to make your work easier.

The TBS2000 Series is designed for easy operation and quick hands-on learning. Dedicated controls provide quick access to important settings, so you can evaluate signals faster. Many oscilloscopes provide eight vertical divisions and 10 horizontal divisions, but the TBS2000 gives you 10 vertical divisions and 15 horizontal divisions, so you can see more of your signal.



Oscilloscopes

Part No.	*Description*	*Price*
TBS2072	70 MHz, 2-CH, 1 GS/s	**$1,220**
TBS2074	70 MHz, 4-CH, 1 GS/s	**$1,910**
TBS2102	100 MHz, 2-CH, 1 GS/s	**$1,510**
TBS2104	100 MHz, 4-CH, 1 GS/s	**$2,230**

Includes: One (1) TPP0100 100 MHz, 10x passive probes per channel, documentation CD w/ programmer manual, installation and safety manual, power cord and certificate of traceable calibration.

KEYSIGHT TECHNOLOGIES
Authorized Distributor

34460A/34470A Series DMM



Keysight's NEW Truevolt Digital Multimeters offer a full range of measurement capabilities and price points with higher levels of accuracy, speed, and resolution.

Measure low-power devices

The ability to measure very low current, 1 µA range with pico second resolution, allows you to make measurements on very low power devices.

Maintain calibrated measurements

Auto calibration allows you to compensate for temperature drift so you can maintain measurement accuracy throughout your workday.

Accessories

Part No.	Description	Price
3446ACCU	Accessory Kit For 34460A (Included With All Others): Includes Test Leads, Documentation & IO Libraries, CDs, USB Cable	**$51.10**
3446GPBU	GPIB Interface Module For All Models	**$300**
3446LANU	LAN/LXI Interface For 34460A (Included With All Others)	**$102**
3446SECU	NISPOM File Security For All Models	**$102**
3446DIGU	2 M Readings/Sec For 34465A, 34470A	**$409**
3446MEMU	2 M Readings MemoryFor 34465A, 34470A	**$255**

Worry about the quality of your design, not the quality of your measurements

Behind the scenes, Keysight's Truevolt technology accounts for measurement errors created by real-world factors so you can be confident in your measurements and it is only available on Keysight DMMs. Truevolt technology starts with an analog-to-digital converter that enables a patented metrology-grade architecture. Using this architecture, Keysight delivers a good balance of measurement resolution, linearity, accuracy, and speed at a value price, all derived and guaranteed per ISO/IEC 17025 industry standards.



- Bright, 4.3" high-resolution color graphical display
- DCV, ACV, DCI, ACI, 2- and 4-Wire Resistance, Capacitance, Frequency, Period, Continuity, Diode, Temperature
- DCV basic accuracy 035% + 005% (1 year)
- Color graphical display with Number, Histogram, Bar Chart, Trend Chart, Math and Statistics
- Front-panel USB memory
- Save and document DMM data from your PC, mobile device or IO of choice with BenchVue software
- 34461A: 100% Drop-in, SCPI compatible replacement for the 34401A

	34460A	34461A	34465A	34470A
Digits	6.5	6.5	6.5	7.5
Basic DCV Accuracy	75 ppm	35 ppm	30 ppm	16 ppm
Max. Reading Rate	300 rdgs/s	1,000 rdgs/sec	5,000 rdgs/sec (Std.) 50,000 rdgs/sec (Opt.)	
Memory	1,000 rdgs	10,000 rdgs	10,000 rdgs 2 million readings (Opt.)	
Temperature	RTD, Thermistor		RTD, Thermistor, Thermocouples	
Statistical Graphics	Histogram, Bar Chart	Histogram, Bar Chart, Trend Chart		
Dual Line Display	No	No	Yes	Yes
Rear Input Terminals	No	Yes	Yes	Yes
USB	Yes	Yes	Yes	Yes
LAN/LXI Core	Optional	Yes	Yes	Yes
GPIB	Optional	Optional	Optional	Optional
Test Leads	Optional	Included	Included	Included
Price	**$1,018**	**$768**	**$1,542**	**$3,215**

E36100B Series Programmable DC Power Supplies

Power Forward

- Compact, 1/4-rack form factor
- Quick set-up with alphanumeric OLED display and intuitive on-screen menu system
- High-contrast, front-panel readout
- Connect for computer control with standard LAN (LXI Core) and USB connectivity
- Accelerate automation of complex or repetitive testing via SCPI or IVI programming
- Control the power supplies easily via the built-in web interface, BenchVue, or Keysight IO Libraries
- Three-year warranty



Part No.	Description	Price
E36102B	Single-Output, 6 V, 5 A, 30 W	**$972**
E36103B	Single-Output, 20 V, 2 A, 40 W	**$972**
E36104B	Single-Output, 35 V, 1 A, 35 W	**$972**
E36105B	Single-Output, 60 V, 0.6 A, 36 W	**$972**
E36106B	Single-Output, 100 V, 0.4 A, 40 W	**$972**

Designs change - and so should your DC power supply. Meet the E36100B, engineered by Keysight to power your designs safely and quietly during manual tests or automated sequences. From every angle — size, display, and I/O — the E36100B will impress you. Add one to your bench and power forward.

Accurate, Reliable Power

Power your DUT with excellent voltage and current programming and readback accuracy. Use the power supply's highly accurate low-current measurement feature for demanding measurements. Protect your DUT with built-in overvoltage and overcurrent protection, and count on the built-in overtemperature protection to keep your power supply safe.

Fluke 287/289

The **Fluke 289** is designed to solve complex problems in electronics, plant automation, power distribution, and electro-mechanical equipment.

The **Fluke 287** True-RMS Electronics Logging Multimeter with TrendCapture quickly documents design performance and graphically displays what happened. Its unique logging and graphing capabilities mean you no longer need to download logged readings to a PC to detect a trend.

Description	*Part No.*	*Price*
True-RMS Logging Multimeter	**Fluke 287**	**$530**
True-RMS Logging Multimeter	**Fluke 289**	**$600**
Combo Kit: Adds FlukeView Forms software and USB cable, premium silicon test leads, alligator clips, 80BK temperature probe, TPAK magnetic meter hanger, and a soft carrying case	**Fluke 289/FVF**	**$700**

All Models

- Large 50,000 count, display with backlight
- TrendCapture graphing of logged data, stores 10,000 readings
- 0.025% basic DC accuracy
- Temperature, capacitance, frequency
- Peak capture as fast as 250 µs
- Cat IV 600 V/CAT III 1000 V
- Limited lifetime warranty

289

- LoZ: low-input impedance prevents false readings due to "ghost voltage"
- Low Pass filter function for accurate measurements on adjustable speed drives
- 50 Ohm range for motor winding and low ohm measurements



Fluke 80 Series V

The Fluke 83V (83-5) & Fluke 87V (87-5) have improved measurement functions and troubleshooting features.

Fluke 83-5:

- 0.1% basic DC accuracy
- 3-3/4 digit, 6,000-count display with bargraph
- Frequency to 200 kHz and % duty cycle
- Large display with bright, two-level backlight
- MIN/MAX/AVG recording & MIN/MAX Alert
- Capacitance to 10,000 µF
- Touch hold and relative modes
- Protective holster with flex stand
- Splash-proof, dust-proof case
- Withstands 8 kV spikes
- Lifetime warranty

Fluke 87-5 - Includes features of the Fluke 83-5 PLUS:

- 0.05% basic DC accuracy
- 4-1/2 digit, 20,000-count display
- Peak capture to record transients as fast as 250 µs
- True-RMS AC
- Temperature measurements, bead probe included
- Selectable filter for accurate voltage and frequency measurements on motor drives

Description	*Part No.*	*Price*
6,000 Count Display, 3-3/4 Digits	**Fluke 83-5**	**$400**
20,000 Count Display, 4-1/2 Digits	**Fluke 87-5**	**$430**



Fluke 170 Series

The **Fluke 175** features an exclusive Fluke-designed True-RMS engine and delivers 6,000 counts of resolution.

The **Fluke 177** features an exclusive Fluke-designed True-RMS engine, boasts 0.09% accuracy and delivers 6,000 counts of resolution on a bright, backlit display.

The **Fluke 179** includes a digital thermometer, and is the most powerful and accurate handheld digital multimeter in its category. The Fluke 179 features an exclusive Fluke-designed True-RMS engine, boast 0.09% accuracy and deliver 6,000 counts of resolution on a bright, backlit display.



All Models:

- 6000 count display
- True-RMS AC
- MIN/MAX/AVG recording
- Volts to 1000 V, current to 10 A
- Resistance 0.1 ohm to 50 MΩ
- Capacitance 1 nF to 9999 µF
- Frequency 2 Hz to 100 kHz
- Continuity and diode test
- Easy access battery door
- Drop-protected to 1 meter
- Overmolded case with integrated probe holders
- IEC 1010 CAT IV 600V, CATIII 1000V safety
- Lifetime warranty

Description	*Part No.*	*Price*
DCV Accuracy ±0.15%	**Fluke 175**	**$300**
DCV Accuracy ±0.09%, Backlit Display	**Fluke 177**	**$330**
DCV Accuracy ±0.09%, Backlit Display, Temperature measurements, -40°C to 400°C (-40°F to 752°F), Thermocouple Included	**Fluke 179**	**$350**

Fluke 110 Series

The **Fluke 117** has the features and functions professional electricians need to get their job done. The Fluke 117 is the ideal meter for demanding settings like commercial buildings, hospitals and schools. Integrated VoltAlert™ technology allows testing for non-contact voltage directly from the meter to help get the job done faster. LoZ technology prevents false readings due to "ghost voltage" and helps accurately diagnose problems. The **Fluke 115** and **Fluke 114** are economical choices for less demanding applications.



All Models

- Large 6000-count display with white backlight
- True-RMS
- Min/Max/Average
- Resistance, continuity, diode
- CAT III 600 V safety rated
- TL75 hard-point test lead set included

117 & 115 Features

- VoltAlert™ for non-contact voltage detection (117)
- AutoVolt for automatic AC/DC voltage selection(117, 115)
- LoZ prevents false readings due to "ghost voltage" (117, 115)
- Current to 20A (30 sec., 10A cont.) (117, 115)
- Capacitance 1nF to 9,999 µF (117, 115)
- Frequency 0.01 Hz to 50 kHz (117, 115)

Description	*Part No.*	*Price*
Electrical True RMS Multimeter: AutoVolt, LoZ	**Fluke 114**	**$170**
Electrician's True RMS Multimeter: VoltAlert, AutoVolt, Loz, Current, Capacitance, Frequency	**Fluke 117**	**$215**
True RMS Multimeter: Current, Capacitance, Frequency, AutoVolt, LoZ	**Fluke 115**	**$200**

190 Series II ScopeMeters

Independent isolated input channels

- Two or four independent isolated input channels
- 1000 V CAT III / 600 V CAT IV
- 60 MHz, 100 MHz, 200 MHz, or 500 MHz BW
- Up to 2.5 GS/s, 400ps resolution
- 10,000 point-per-trace waveform capture
- Connect-and-View™ to easily trigger on and display even complex waveforms
- TrendPlot™ and ScopeRecord™ to capture or plot waveforms and measurements over extended time spans
- Frequency spectrum using FFT-analysis
- Two isolated USB ports



4-channel models include: Set of four scope probes, hanging strap, USB cable with mini-B connector, double capacity Li-ion battery BP291, battery charger/power adapter BC190, a FlukeView demo package and users manuals on CD.
2-channel models include: Two scope probes, TL175 meter test leads, and single capacity battery BP290.

190 Series II ScopeMeters

Part No.	Description	Price
190-062	60 MHz, 2-Channel, DMM Mode	**$3,433**
190-102	100 MHz, 2-Channel, DMM Mode	**$3,849**
190-104	100 MHz, 4-Channel	**$4,369**
190-202	200 MHz, 2-Channel, DMM Mode	**$4,265**
190-204	200 MHz, 4-Channel	**$4,993**
190-502	500 MHz, 2-Channel	**$5,618**
190-504	500 MHz, 4-Channel, DMM Mode	**$5,618**

Accessories

BC190/830	Extra AC Adapter/Battery Charger	**$154**
BP290	Li-Ion Battery Pack, 2400 mAh	**$257**
BP291	Li-Ion Battery Pack, 4800 mAh	**$360**
EBC290	External Battery Charger	**$134**
SCC290	FlukeView Software & Hard Case	**$515**

3-Phase Power Quality Analyzers - 430 Series II

- Measures voltage, current, dips, swells, interruptions, harmonics, power, energy loss monetization, frequency, inrush and power inverter efficiency
- Measures all phases and neutral simultaneously with included probes
- Patented energy loss management measurements and realtime PowerWave data capture
- Model 435 adds flicker, transients, mains signaling, power wave, and event waveform capture measurements
- 4 voltage & 4 current channels



Part No.	Description	Also Includes	Price
Fluke 434-II	Three-Phase Energy Analyzer	Includes four thin flexible current probes (i430-TF), five test leads and clips, battery charger, FlukeView software, optical USB cable, color localization set, soft carrying case, 8 GB SD memory card, manual on CD	**$6,300**
Fluke 435-II	Three-Phase Power Quality & Energy Analyzer	Includes four thin flexible current probes (i430-TF), five test leads and clips, battery charger, FlukeView software, Power Log software, optical USB cable, color localization set, soft carrying case, 8 GB SD memory card, manual on CD	**$8,000**
Fluke 437-II	400 Hz Three-Phase Power Quality & Energy Analyzer	As above for 400 Hz measurements	**$10,500**

Fluke Connect™ Wireless System

See it. Save it. Share it.

The Fluke Connect™ app works with more than 20 Fluke tools allowing you to identify and diagnose problems quickly and confidently, while securely sharing your data when you want, with who you want, all through the Fluke Connect App*.

Part No.	Description	Price
FLK-3000 FC	Wireless Digital Multimeter	**$300**
FLK-A3000 FC	Wireless AC Current Clamp Module, True-rms, 0.5 A To 400.0 A	**$200**
FLK-A3001 FC	Wireless iFlex AC Current Module, True-rms, 0.5 A To 2500 A	**$250**
FLK-A3002 FC	Wireless AC/DC Current Module (Use With i410 Or i1010 AC/DC Current Clamps	**$130**
FLK-A3003FC	Wireless DC Current Clamp Meter, 2000 A dc	**$510**
A3004FC	Wireless DC Milliamp Clamp Meter, 4 to 20 mA, Detachable Clamp	**$620**
FLK-V3000 FC	Wireless True-RMS AC Voltage Module, To 1000 VAC	**$200**
FLK-V3001 FC	Wireless DC Voltage Module, To 1000 VDC	**$205**
FLK-T3000 FC	Wireless K-Type Temperature Module, -200°C To 1372°C (Sensor Dependent)	**$200**
FLK-PC3000 FC	Wireless PC Adapter (USB) & Software	**$100**

3000 FC Series Productivity



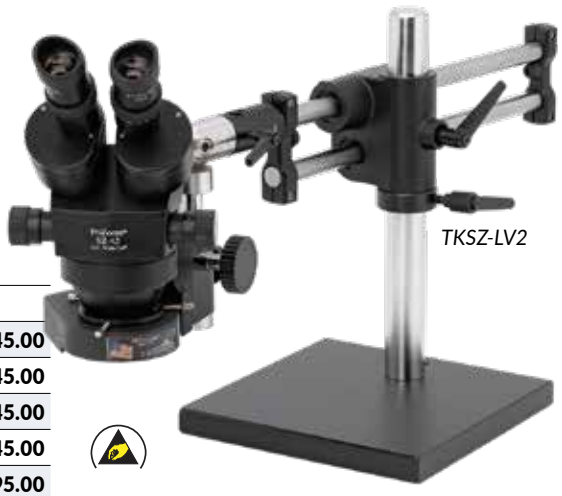
- Wireless technology allows connectivity between your phone, PC, and all Fluke Connect-enabled test tools
- Let your team see what you see in an instant with ShareLive™ video call
- Save money and time by taking multiple measurements simultaneously
- Isolate intermittent events or record signal fluctuations without even being there using the log function on the modules

ProZoom® 4.5 Stereo Zoom Binocular Microscopes

O.C. White's bestselling microscope line! The ProZoom® 4.5 is a workhorse on today's modern production line. ESD-safe, with a standard magnification range of 3.5-45x, this model is suited for any precision inspection task.

Each model comes complete with 10x-wide focus eyepieces, as well as a free 0.5x auxiliary lens (a $125 value). A heavy duty stainless-steel ball-bearing arm base is the most popular configuration, along with articulating arm and laboratory-style base choices.

All Microscopes Include:
- ProZoom® 4.5 Microscope
- Pair of 10x-wide Eypieces
- 0.5x Auxiliary Lens


TKSZ-LV2

Features:
- ESD-safe and RoHS compliant
- All-metal construction
- Superb large 22mm 10x eyepieces
- ±5 diopter adjustments on eyepiece tubes
- Eye tube inclination of 45°, and main body can be rotated 360° in holder
- 90-250Mm working distance depending on objective used
- 5-year mechanical warranty

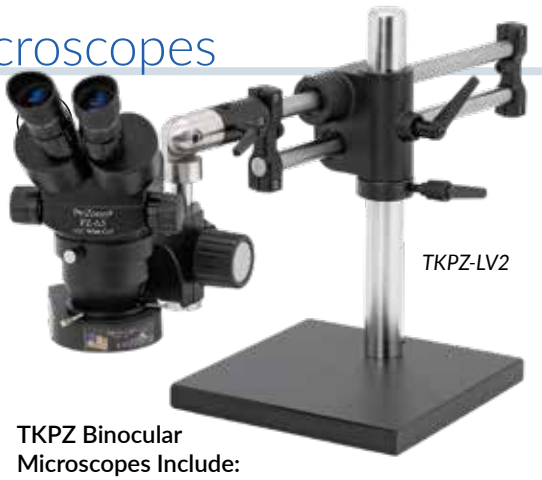
ProZoom® 4.5 Packages (7-45X)

Magnification	*Light Source*	*Base Style*	*Part No.*	*Price*
7-45X Standard (Optional Range Up To 225X)	150W Fiber-Optic Back Light	Ball-Bearing Boom Stand	**TKSZ-BL**	**$2,545.00**
		Articulating Arm	**TKSZ-FA-BL**	**$2,545.00**
	150W Fiber-Optic Annular Lightsource	Ball-Bearing Boom Stand	**TKSZ-A**	**$2,345.00**
		Articulating Arm	**TKSZ-FA-A**	**$2,345.00**
	150W Fiber-Optic Dual Point Lightsource	Ball-Bearing Boom Stand	**TKSZ-D**	**$2,295.00**
		Articulating Arm	**TKSZ-FA-D**	**$2,295.00**
	Fluorescent Ring Illuminator	Ball-Bearing Boom Stand	**TKSZ-F**	**$1,845.00**
		Articulating Arm	**TKSZ-FA-F**	**$1,845.00**
	High-Output Fully Variable LED Ring Illuminator	Ball-Bearing Boom Stand	**TKSZ-LV2**	**$1,995.00**
		Articulating Arm	**TKSZ-FA-LV2**	**$1,995.00**
		Lab Base	**TKSZ-L-LV2**	**$1,145.00**
	Micro-Lite® LED Ring Lite	Ball-Bearing Boom Stand	**TPZE-LV2**	**$2,195.00**

ProZoom® 6.5 Binocular & Trinocular Microscopes

The ProZoom® 6.5 family of microscopes provides the largest standard working distance, largest magnification range, and largest eyepieces available on a stereo zoom microscope. With a standard magnification range of 5-65x, and optional range up to 390x, there is no inspection task that this microscope cannot tackle. ESD-safe

>>> FIND MORE ONLINE
Our full selection of magnifiers from O.C. White can be found at www.Techni-Tool.com


TKPZ-LV2

TKPZ Binocular Microscopes Include:
- ProZoom® 6.5 Binocular Microscope
- Pair of Super-Wide (28mm) 10x Eypieces
- 0.05 Auxiliary Lens

TKPZT Trinocular Microscopes Include:
- ProZoom® 6.5 Trinocular Microscope
- Pair of Super-Wide (28mm) 10x Eypieces
- 0.3x CCD Camera Adapter
- 5MP Hybrid HDMI/USB3 Digital Camera
- Sleek 22" HD LED Monitor
- Advanced Imaging & Measurement Software Suite

TKDPZT Trinocular Microscopes Include:
- ProZoom® 6.5 Trinocular Microscope
- Pair of Super-Wide (28mm) 10x Eypieces
- 0.3x CCD Camera Adapter
- 5MP Hybrid HDMI/USB3 Digital Camera
- Advanced Imaging & Measurement Software Suite

Binocular Microscopes (5-65x)

Adjustable Eyepiece Range	*Light Source*	*Base Style*	*Part No.*	*Price*
Fixed 45°	None	Ball-Bearing Base	**TKPZ**	**$1,996.00**
		Articulating Arm	**TKPZ-FA**	
	150W Fiberoptic Annular	Ball-Bearing Base	**TKPZ-A**	**$2,695.00**
		Articulating Arm	**TKPZ-FA-A**	
	150W Fiberoptic Dual Point	Ball-Bearing Base	**TKPZ-D**	**$2,645.00**
		Articulating Arm	**TKPZ-FA-D**	
	LED Ring Light	Ball-Bearing Base	**TKPZ-LV2**	**$2,345.00**
		Articulating Arm	**TKPZ-FA-LV2**	

Trinocular Microscopes W/5MP Hybrid HDMI & 22" LED Screen (5-65x)

Fixed 45°	150W Fiberoptic Annular	Ball-Bearing Base	**TKPZT-A**	**$4,595.00**
	150W Fiberoptic Dual Point		**TKPZT-D**	**$4,545.00**
	LED Ring Light		**TKPZT-LV2**	**$4,245.00**

Trinocular Microscopes W/5MP Hybrid HDMI/USB Camera (10-65x)

Fixed 45°	150W Fiberoptic Annular	Ball-Bearing Base	**TKDPZT-A**	**$4,295.00**
	150W Fiberoptic Dual Point		**TKDPZT-D**	**$4,245.00**
	LED Ring Light		**TKDPZT-LV2**	**$3,945.00**

VIP Microscopes



ESD-safe Variable Inclination Position Microscope features an extended magnification range and ergonomically designed eyepiece adjustment. The 8X–50x magnification range (4X–25x with 0.5x lens, included) and variable inclination eyepieces combined with 22" dual boom ball-bearing stand, make it ideal for a diverse range of inspection applications and result in a microscope suited to the individual user. 23mm optics system with a 186mm working distance (with 0.5X lens). Includes a LED-300 ring light with 40 LED display, 50,000 hour lamp life and 6000°K color temperature. Self-contained on/off and dimming controls. Dimmable to 15% output. ESD-safe: the body and stand are powder-coated with a metal-laced paint that measures 10^5 Ω/sq (static dissipative).

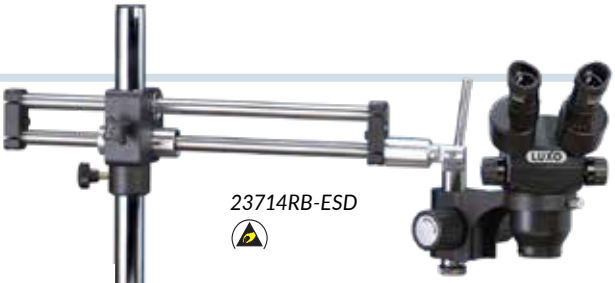
Features:
- Magnification range - 8x - 50x
- Magnification range with 0.5x Lens (included) - 4x - 25x
- Zoom range - 0.8 - 5.0
- Working distance with 0.5x Lens (mm) - 186
- Field of view diameter (mm) with 10x eyepieces and 0.5x lens - 57.5 - 5.75
- Interpupillary distance adjustment range (mm) - 55 - 76
- 0° – 30° adjustable angle of inclination allows for individualized adjustability so each technician can maintain a correct posture during use – neck straight, eyes forward

Adjustable Eyepiece Range	*Light Source*	*Base Style*	*Part No.*	*Price*
55-76mm	LED-3000 Ring Light W/40 LEDs	Dual Ball-Bearing Boom Stand	**23880RB-ESD**	**$3,850.00**

System 273 Binocular Microscopes

These microscopes feature a 23mm optics system, nearly 8" working distance (when used with a 0.5x reducing lens), 15% greater field of view and a 7x to 45x magnification range.

Features:
- Click stop zoom
- 5-year warranty
- Dual boom ball-bearing stand with 10" x 10" base, 17.5" vertical boom and 22" horizontal boom extension
- Baked powder-coated finish



23714RB-ESD



23712RB

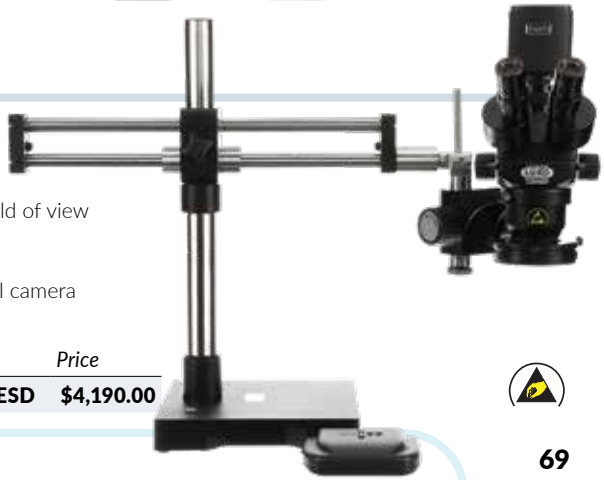
Non-ESD Microscopes

Light Source	*Base Style*	*ESD Safe*	*Color*	*Part No.*	*Price*
Fiber Optic Illuminator & Ring Light	Dual Ball-Bearing Boom Stand	No	Gray	**23711RB**	**$2,505.00**
Fluorescent Ring Light				**23712RB**	**$1,904.00**
None				**23714RB**	**$1,700.00**
Dimmable LED Ring Light				**23727RB**	**$2,250.00**
Dimmable LED-High Output Ring Light				**23728RB**	**$2,490.00**
LED 3000 Ring Light				**23780RB**	**$2,015.00**
ESD Microscopes					
None	Dual Ball-Bearing Boom Stand	Yes	Black	**23714RB-ESD**	**$1,750.00**
LED 3000 Ring Light				**23726RB-ESD**	**$2,065.00**
Fluorescent Ring Light				**23712RB-ESD**	**$1,990.00**
Accessories					
0.5X Lens, 23mm - Increases Working Distance To Nearly 8"				**23750**	**$150.00**
0.7X Lens, 23mm - Increases Working Distance To Nearly 6"				**23736**	**$150.00**

System 373 Stereo Microscope

ESD-safe System 373 TRU Trinocular Stereo-Zoom Microscopes are ideal for training or documentation purposes. With their industry-leading 23mm optical system and nearly 8" working distance (when used with a 0.5X reducing lens), System 373 microscopes feature an expansive magnification range — with optional eyepieces and objective lenses, optical magnifications can reach nearly 300X!

Features:
- ESD-safe
- TRU trinocular viewing body
- SWF10x eyepieces, 23mm field of view
- 7x—45x magnification range
- 118mm working distance
- Excelis HD 1080p color digital camera and camera adapter



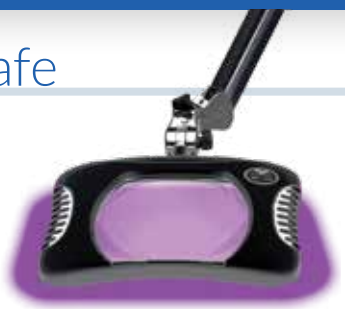
Light Source	*Base Style*	*Color*	*Part No.*	*Price*
LED High-Output Ring Light	Dual Ball-Bearing Boom Stand	Black	**23725RB-HDTRTHOL-ESD**	**$4,190.00**

Green-Lite® LED Magnifiers, ESD-Safe

Raising the Standard Again

The Green-Lite® series from O.C. White is the most energy efficient, highest-output and longest-lasting line of inspection lighting systems in the world.

Rather than clusters of old-style LEDs or "bottles" favored by Chinese manufacturers, Green-Lite® products employ next-generation "surface mount" LEDs that produce more light with less glare, consume less power and last longer. The light output of our eight-watt LED array is comparable to a 150-watt halogen. The blended white light is easy on the eyes and the output level is adjustable — simply and precisely — for maximum operator comfort. Green-Lite® products are auto-switchable too, so they can be used worldwide.



Rectangular UV LED Green-Lite®
82400-4-UV-B



Rectangular LED Green-Lite®
82400-4-USA



Round LED Big-Eye
Green-Lite®
62400-4-BO



Round LED
Green-Lite®, 6"
42400-4-BR



Round LED
Green-Lite®, 5"
22400-RG

COLORS

Add color code to the end of the part number to designate color choice. Example: 82400-4-SB

Standard Colors

- **Carbon Black (B)**
- **Shadow White (SW)**

Optional Colors (Free!)

- Blazing Yellow (BY)
- Brilliant Orange (BO)
- Spectre Blue (SB)
- Blaze Red (BR)
- Racing Green (RG)
- Silver (S)
- Charcoal Mist (CM)
- Medical White (MW)
- USA Flag (USA)

USA FLAG PATTERN

Only available for models 82400-4. Use part number 82400-4-USA ($549.00) or 82400-4-UV-USA ($649.00).

Lighting Features:

- Over 4x the lumen output of a standard magnifier
- Multi-angle LEDs for shadowless lighting at a full range of focal lengths and heights (patented)
- User-controlled LED groups shine desired level of light exactly where required (patented)
- Superb dimming software (patented)

Optical Features:

- Precision-ground, crown white optical-grade glass provides the highest image resolution
- Four lens sizes to choose from: 7" x 5.25" rectangle, 7.5" round, 6" round, 5" round

Mechanical Features:

- High-quality die-cast aluminum shades and all-metal components for ESD safety come standard on all Green-Lite® magnifiers
- Patented "Elite" arms are sleek but have the greatest holding power of any arm of this type in the world
- Standard 43" arm reach - optional 25" arm reach available

Rectangular LED Green-Lite® - Edge Clamp

Size	*Diopter*	*Light Source*	*Part No.*	*Price*
7" x 5.25" Dia.	4 Diopter	12 LEDs	**82400-4**	**$499.00**
7" x 5.25" Dia.	4 Diopter	8 UV LEDs, 4 White Light LEDs	**82400-4-UV**	**$599.00**
Round LED Big-Eye Green-Lite® - Edge Clamp				
7.5" Dia.	4 Diopter	12 LEDs	**62400-4**	**$489.00**
7.5" Dia.	5 Diopter	12 LEDs	**62400-5**	**$519.00**
Round LED Green-Lite®, 6" - Edge Clamp				
6" Dia.	4 Diopter	6 LEDs	**42400-4**	**$399.00**
6" Dia.	5 Diopter	6 LEDs	**42400-5**	**$429.00**
6" Dia.	4 Diopter	12 LEDs	**42400-4-12**	**$469.00**
6" Dia.	5 Diopter	12 LEDs	**42400-5-12**	**$499.00**
Round LED Green-Lite®, 5" - Edge Clamp				
5" Dia.	3 Diopter	6 LEDs	**22400**	**$329.00**
5" Dia.	4 Diopter	6 LEDs	**22400-4**	**$349.00**
5" Dia.	5 Diopter	6 LEDs	**22400-5**	**$349.00**

Accu-Lite® LED Magnifiers

Accu-Lite® cuts no corners in providing world-class magnification and clarity for a number of precision industries. All Accu-Lite® models feature full dimming range of 100-5%. With an ultra-sensitive touch membrane switch on each shade, dimming through the range can happen quickly and provide proper lighting for even the most challenging inspection tasks. Total power consumption is under 15W, for energy efficiency savings. Edge clamp.



Size	*Lens*	*Arm Reach*	*Light Source*	*Part No.*	*Price*
6.85"	3.5 Diopter	45"	LED	**ALREC-45-B**	**$279.00**
Add-On Lenses					
Add-On Lens, 4 Diopter, With Silicone Gasket				**AO-4D**	**$65.00**
Add-On Lens, 6 Diopter, With Silicone Gasket				**AO-6D**	**$65.00**
Add-On Lens, 8 Diopter, With Silicone Gasket				**AO-8D**	**$65.00**

Omega 5 & Omega 7 LED Magnifiers



The new Omega 5 & Omega 7 Magnifiers are modern, ergonomically designed magnifying lamps. They have a three-diopter (1.75x) lens and high-power LEDs with four brightness levels for clear viewing. The multi-position headjoint allows the lamp to be easily positioned with just one hand. The long-reach arm with internal springs ensures effortless movement and precise positioning. Perfect for all electronic, industrial and inspection environments.

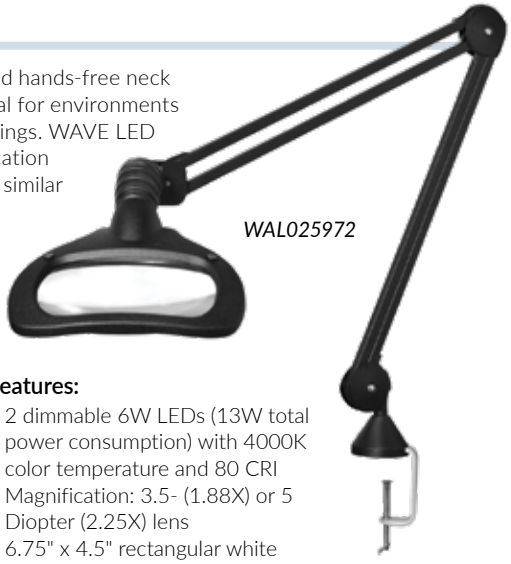
Features:

- Lamp brightness:
  - Omega 5: 5,500 Lux at 6"
  - Omega 7: 6,300 lux at 6"
- Unique quick-change lens mechanism - no tools required
- Omega 5 models include glass lenses with three-diopter magnification and an additional five-diopter glass lens
- Omega 7 models include acrylic lens with anti-scratch coating
- Reinforced arm and joints
- Color: white

				Standard		ESD-Safe	
Model	*Lens*	*Arm Reach*	*Light Source*	*Part No.*	*Price*	*Part No.*	*Price*
Omega 5	5", 3 & 5 Diopter	45.3"	42 LEDs	**U25110**	**$250.00**	**U25151**	**$500.00**
Omega 7	7", 3 Diopter	46.5"	60 LEDs	**U25130**	**$350.00**	**U25171**	**$650.00**

WAVE LED Magnifiers

No knobs to tighten, nothing to adjust. The Vision-Luxo WAVE LED has a flexible, self-balancing shade and hands-free neck assembly, which allows the lamp head to be secured in any position. The fully-enclosed neck design is ideal for environments where foreign object debris (FOD) is a concern. An automatic shut-off feature further ensures energy savings. WAVE LED offers shadow-free magnification with light coming from both sides, as well as three-dimensional magnification lighting from the left or right. The 3D feature is especially welcome when working with circuit boards and similar delicate objects in inspection and rework applications.



WAL025972

Features:

- 2 dimmable 6W LEDs (13W total power consumption) with 4000K color temperature and 80 CRI
- Magnification: 3.5- (1.88X) or 5 Diopter (2.25X) lens
- 6.75" x 4.5" rectangular white crown optical-quality glass lens

			WAVE LED Magnifier			WAVE LED Magnifier ESD-Safe		
Lens	*Mount*	*Arm Reach*	*Part No.*	*Color*	*Price*	*Part No.*	*Color*	*Price*
3.5 Diopter	Edge Clamp	45"	**WAL025968**	Light Gray	**$410.00**	**WAL025972**	Black ESD	**$590.00**
		30"	**WAL025970**		**$410.00**	**WAL025974**		**$590.00**
5 Diopter		45"	**WAL025969**		**$420.00**	**WAL025973**		**$600.00**
		30"	**WAL025971**		**$420.00**	—		—
			WAVE LED UV Magnifier			WAVE LED UV Magnifier ESD-Safe		
3.5 Diopter	Edge Clamp	45"	**WAL026408**	Light Gray	**$605.00**	**WAL026780**	Black ESD	**$590.00**
5 Diopter			**WAL026409**		**$615.00**	**WAL026781**		**$600.00**

KFM LED Magnifiers



KFL026093

The Vision-Luxo KFM LED produces double the light output of traditional KFM models. A heavy duty, all-metal construction with sleek design, adjustable arm and excellent light output makes the KFM suitable for a variety of applications. No knobs to tighten, nothing to adjust. A flexible, self-balancing shade and fully-enclosed, hands-free neck design is ideal for environments where foreign object debris (FOD) is a concern.

Features:

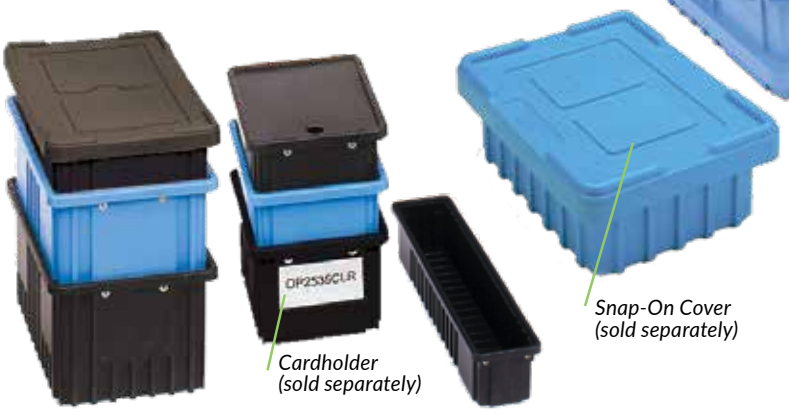
- 2 dimmable 6W LEDs (9 W total power consumption) with 4000K color temperature and 80 CRI
- Magnification: 3 Diopter (1.75X) or 5 Diopter (2.25X) lens
- 5" diameter precision-ground white crown optical-quality glass lens

KFM LED Magnifiers				Black	Light Gray
Reach	*Mount*	*Lens*	*Price*	*Part No.*	*Part No.*
45"	Edge Clamp	3 Diopter	**$299.00**	—	**KFL026022**
		5 Diopter	**$309.00**	—	**KFL026024**
30"	Edge Clamp	3 Diopter	**$299.00**	—	**KFL026028**
		5 Diopter	**$309.00**	—	**KFL026029**
45"	Edge Clamp	3 Diopter	**$392.00**	**KFL026093**	—
		5 Diopter	**$402.00**	**KFL026027**	—

Divider Tote Boxes

These tote boxes offer safe and efficient storage of items in bulk, or in compartmentalized fashion with the use of optional dividers and covers. These totes are manufactured from polypropylene base resins and are available in Benstat™ blue static dissipate (BAS), or Bentron™ black conductive (CAS) compounds. Injection molded for longer life and more uniform wall thickness.





Card Holders, Includes Snaps

Description	Carton Qty.	Part No.	Price Each*
Benstat 5" x 8" ESD	96	**OP2501BAS**	**$6.30**
Benstat 3" x 5" ESD	96	**OP2535BAS**	**$6.30**
Polypropylene 5" x 8"	96	**OP2501CLR**	**$6.30**
Polypropylene 3" x 5"	96	**OP2535CLR**	**$6.30**

*** Items must be purchased** in carton quantities to avoid a $10.00 broken lot charge per part number.

Benstat™ (Blue – Dissipative)				Snap-On Covers		Insert Covers			Long Dividers**		Short Dividers**	
L x W x H (Outside)	*Ctn. Qty.*	*Part No.*	*Price Each**	*Part No.*	*Price Each**	*Ctn. Qty.*	*Part No.*	*Price Each**	*Part No.*	*Price Each**	*Part No.*	*Price Each**
10-7/8" x 8-1/4" x 3-1/2"	48	**TB91035BAS**	**$26.00**	**CO91000BAS**	**$19.00**	96	**CI91000BAS**	**$18.25**	**DL91035BAS**	**$7.00**	**DS91035BAS**	**$6.20**
10-7/8" x 8-1/4" x 6"	24	**TB91060BAS**	**$37.00**						**DL91060BAS**	**$7.40**	**DS91060BAS**	**$6.10**
16-1 /2" x 10-7/8" x 3-1/2"	24	**TB92035BAS**	**$39.50**	**CO92000BAS**	**$35.00**	48	**CI92000BAS**	**$30.50**	**DL92035BAS**	**$7.80**	**DS92035BAS**	**$6.80**
16-1/2" x 16-1/2" x 5"	12	**TB92050BAS**	**$62.00**	**CO92050BAS**	**$42.00**	24	**CI92050BAS**	**$39.00**	–	-	**DS92050BAS**	**$9.50**
16-1/2" x 10-7/8" x 6"	12	**TB92060BAS**	**$50.00**	**CO92000BAS**	**$35.00**	48	**CI92000BAS**	**$30.50**	**DL92060BAS**	**$9.50**	**DS92060BAS**	**$8.00**
16-1/2" x 10-7/8" x 8"	6	**TB92080BAS**	**$58.50**						**DL92080BAS**	**$14.00**	**DS92080BAS**	**$9.50**
22-1/2" x 17-1/2" x 3"	12	**TB93030BAS**	**$74.50**						**DL93030BAS**	**$10.70**	**DS93030BAS**	**$8.40**
22-1/2" x 17-1/2" x 5"	6	**TB93050BAS**	**$90.00**						**DL93050BAS**	**$11.00**	**DS93050BAS**	**$9.90**
22-1/2" x 17-1/2" x 6"	6	**TB93060BAS**	**$90.50**	**CO93000BAS**	**$55.50**	24	**CI93000BAS**	**$46.00**	**DL93060BAS**	**$13.50**	**DS93060BAS**	**$9.90**
22-1/2" x 17-1/2" x 8"	4	**TB93080BAS**	**$114.00**						**DL93080BAS**	**$15.25**	**DS93080BAS**	**$12.75**
22-1/2" x 17-1/2" x 12"	3	**TB93120BAS**	**$137.00**						–	–	–	–
26-1/4" x 6-1/4" x 5"	24	**TB95050BAS**	**$52.50**	–	–	24	**CI95050BAS**	**$35.00**	–	–	**DS95050BAS**	**$7.00**
Bentron™ (Black – Conductive)				**Snap-On Covers**		**Insert Covers**			**Long Dividers**		**Short Dividers**	
10-7/8" x 8-1/4" x 3-1/2"	48	**TB91035CAS**	**$25.50**	**CO91000CAS**	**$19.00**	96	**CI91000CAS**	**$19.00**	**DL91035CAS**	**$7.00**	**DS91035CAS**	**$6.20**
10-7/8" x 8-1/4" x 6"	24	**TB91060CAS**	**$36.00**						**DL91060CAS**	**$7.00**	**DS91060CAS**	**$5.70**
16-1/2" x 10-7/8" x 3-1/2"	24	**TB92035CAS**	**$39.50**	**CO92000CAS**	**$35.00**	48	**CI92000CAS**	**$31.00**	**DL92035CAS**	**$8.10**	**DS92035CAS**	**$7.20**
16-1/2" x 16-1/2" x 5"	12	**TB92050CAS**	**$62.00**	**CO92050CAS**	**$42.00**	24	**CI92050CAS**	**$40.50**	–	–	**DS92050CAS**	**$9.30**
16-1/2" x 10-7/8" x 6"	12	**TB92060CAS**	**$48.00**	**CO92000CAS**	**$35.00**	48	**CI92000CAS**	**$31.00**	**DL92060CAS**	**$9.50**	**DS92060CAS**	**$8.10**
16-1/2" x 10-7/8" x 8"	6	**TB92080CAS**	**$58.50**						**DL92080CAS**	**$13.00**	**DS92080CAS**	**$9.50**
22-1/2" x 17-1/2" x 3"	12	**TB93030CAS**	**$75.00**						**DL93030CAS**	**$10.70**	**DS93030CAS**	**$8.30**
22-1/2" x 17-1/2" x 5"	6	**TB93050CAS**	**$87.50**						**DL93050CAS**	**$11.00**	**DS93050CAS**	**$9.30**
22-1/2" x 17-1/2" x 6"	6	**TB93060CAS**	**$90.50**	**CO93000CAS**	**$55.50**	24	**CI93000CAS**	**$45.50**	**DL93060CAS**	**$12.75**	**DS93060CAS**	**$9.90**
22-1/2" x 17-1/2" x 8"	4	**TB93080CAS**	**$112.00**						**DL93080CAS**	**$15.00**	**DS93080CAS**	**$12.75**
22-1/2" x 17-1/2" x 12"	3	**TB93120CAS**	**$136.00**						–	–	–	–
26-1/4" x 6-1/4" x 5"	24	**TB95050CAS**	**$50.50**	–	–	24	**CI95050CAS**	**$34.00**	–	–	**DS95050CAS**	**$7.00**

*** Items must be purchased** in carton quantities to avoid a $10.00 broken lot charge per part number. **** Carton Qty.** for Long and Short Dividers: 96

ESD-Safe Divider Boxes



Add flexibility with dividable containers. Slide-in dividers allow instant container configuration. Multi-purpose stack-only ESD Safe Divider Boxes can be divided into compartments on 1.25" centers with easy-to-add dividers. Manufactured in high-density polypropylene, these dividable containers are ideal for use in commercial, industrial, electronics and healthcare markets for storage, assembly, fabrication and distribution applications. ESD properties are permanent and unaffected by washing.

Available in Black only.

Features:
- Strong stacking ridge and innovative ribbed walls ensure high performance
- Made of XL conductive material
- Load capacity of 40 lbs. per container
- Anti-static cardholders sold separately
- Two optional ESD-safe divider box covers are available and will create a Faraday Cage when used with ESD-safe divider boxes

ESD-Safe Cardholders

Description	*Dimensions*	*Part No.*	*Price Each*
2-Snap	7.75" x 4.25"	**CH10LS**	**$0.79**
2-Snap	6.50" x 2.25"	**CH20LS**	**$1.80**

Divider Boxes

L x W x H Outside Top	*Carton Qty.*	*Part No.*	*Price Each**
10.8" x 8.3" x 2.5"	24	**DC1025-XL**	**$10.11**
10.8" x 8.3" x 3.5"	16	**DC1035-XL**	**$10.98**
10.8" x 8.3" x 5"	16	**DC1050-XL**	**$13.47**
16.5" x 10.9" x 2.5"	12	**DC2025-XL**	**$14.64**
16.5" x 10.9" x 3.5"	8	**DC2035-XL**	**$16.68**
16.5" x 10.9" x 5"	8	**DC2050-XL**	**$18.17**
16.5" x 10.9" x 6"	8	**DC2060-XL**	**$19.25**
16.5" x 10.9" x 7"	6	**DC2070-XL**	**$23.82**
16.5" x 10.9" x 8"	6	**DC2080-XL**	**$25.17**
22.4" x 17.4" x 5"	4	**DC3050-XL**	**$34.00**
22.4" x 17.4" x 6"	4	**DC3060-XL**	**$38.18**
22.4" x 17.4" x 8"	4	**DC3080-XL**	**$44.91**
22.4" x 17.4" x 12"	3	**DC3120-XL**	**$53.54**

Dividers**

Short Part No.	*Price Each*	*Long Part No.*	*Price Each*
DV0825-XL	**$1.50**	**DV1025-XL**	**$1.57**
DV0835-XL	**$1.59**	**DV1035-XL**	**$1.91**
DV0850-XL	**$1.86**	**DV1050-XL**	**$2.32**
DV1025-XL	**$1.57**	**DV1625-XL**	**$1.96**
DV1035-XL	**$1.91**	**DV1635-XL**	**$3.04**
DV1050-XL	**$2.32**	**DV1650-XL**	**$4.01**
DV1060-XL	**$3.41**	**DV1660-XL**	**$4.15**
DV1070-XL	**$3.58**	**DV1670-XL**	**$4.68**
DV1080-XL	**$4.04**	**DV1680-XL**	**$5.48**
DV1750-XL	**$4.11**	**DV2250-XL**	**$4.40**
DV1760-XL	**$4.57**	**DV2260-XL**	**$5.24**
DV1780-XL	**$5.13**	**DV2280-XL**	**$6.47**
DV17120-XL	**$10.45**	**DV22120-XL**	**$11.11**

Covers

Style	*Part No.*	*Price*
Insert	**CDC1000-XL**	**$3.53**
Heavy Duty Snap-On (Solid)	**CDC1040-XL**	**$5.15**
Insert	**CDC2000-XL**	**$5.72**
Heavy Duty Snap-On (Solid)	**CDC2040-XL**	**$9.97**
Insert	**CDC3000-XL**	**$15.23**
Heavy Duty Snap-On (Solid)	**CDC3040-XL**	**$16.80**

***Note:** Items must be purchased in carton quantities to avoid a $10.00 broken lot charge per part number.
******Dividers listed are full-height dividers. Call for partial-height dividers.

Slanted Wire Shelving

Slanted Shelf Units create a unique combination of modular components to enhance all types of manufacturing and supply distribution applications. The sloped shelves allow for high visibility, productive rotations and gravity feed. Weight capacity is 400 lbs. per unit. Slanted shelving units are 63" (H) and include 5 shelves - 2 flat, 3 slanted. ESD-safe accessories are available, sold separately.

Includes:
- 4 Posts
- 2 Flat Shelves
- 3 Slanted Shelves
- Mobile units also include:
  - (4) 5" Casters, 2 Swivel and 2 Swivel Braking
  - Donut Bumpers

Stationary / Mobile

Part No.	*Price*	*Shelf Dimensions*	*Part No.*	*Price*
1836SL6C	**$203.48**	18" (W) x 36" (L)	**M1836SL6C**	**$277.49**
1848SL6C	**$260.94**	18" (W) x 48" (L)	**M1848SL6C**	**$334.95**
2436SL6C	**$251.03**	24" (W) x 36" (L)	**M2436SL6C**	**$325.04**
2448SL6C	**$319.46**	24" (W) x 48" (L)	**M2448SL6C**	**$393.47**

ESD Accessories

Description	*Part No.*	*Price*
Drag Chain (ESD)	**ESD-DC**	**$8.66**
Aluminum Split Sleeves - 4 Pairs (ESD)	**ESD-SS**	**$13.35**

FIND MORE ONLINE
Bins are sold separately and can be found at www.Techni-Tool.com



ESD-DC



ESD-SS



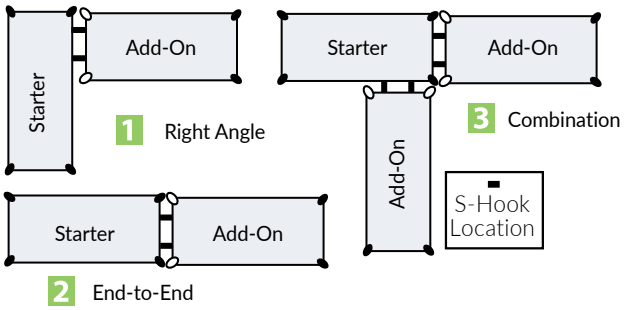
M1836SL6C Shown with Part Bins, sold separately

TestEquity Wire Shelving Stationary Starter & Add-On Kits

Maximize your storage and minimize your cost with the TestEquity line of wire shelving. The open-wire design of these carbon-steel shelves minimizes dust accumulation and allows a free circulation of air and greater visibility of stored items. Tapered openings in the shelf corners slide over the tapered split sleeves providing a positive lock. Shelving units assemble in minutes without the use of any special tools. Bolt levelers compensate for surface irregularities on stationary posts. Shelves feature a durable chrome finish.



3 Configurations For Starter & Add-On Units:



FIND MORE ONLINE

Need a different shelving configuration or additional accessories? Visit www.Techni-Tool.com for additional options.

Starter Shelving Unit Kits

W x L x H	Includes*	Part No.	List Price	Our Price
18" x 42" x 74"	4 Shelves & 4 Posts	**SSU1842-4**	~~$154.00~~	**$128.33**
18" x 48" x 74"		**SSU1848-4**	~~$155.40~~	**$129.50**
18" x 54" x 74"		**SSU1854-4**	~~$174.30~~	**$145.25**
18" x 60" x 74"		**SSU1860-4**	~~$175.70~~	**$146.42**
18" x 72" x 74"		**SSU1872-4**	~~$199.50~~	**$166.25**
24" x 48" x 74"		**SSU2448-4**	~~$184.10~~	**$153.42**
24" x 54" x 74"		**SSU2454-4**	~~$207.20~~	**$172.67**
24" x 60" x 74"		**SSU2460-4**	~~$210.00~~	**$175.00**
24" x 72" x 74"		**SSU2472-4**	~~$239.40~~	**$199.50**

Add-On Shelving Unit Kits

18" x 42" x 74"	4 Shelves, 2 Posts & 8 S-Hooks	**ASU1842-4**	~~$140.42~~	**$117.02**
18" x 48" x 74"		**ASU1848-4**	~~$141.82~~	**$118.18**
18" x 54" x 74"		**ASU1854-4**	~~$160.72~~	**$133.93**
18" x 60" x 74"		**ASU1860-4**	~~$162.12~~	**$135.10**
18" x 72" x 74"		**ASU1872-4**	~~$185.92~~	**$154.93**
24" x 48" x 74"		**ASU2448-4**	~~$170.52~~	**$142.10**
24" x 54" x 74"		**ASU2454-4**	~~$193.62~~	**$161.35**
24" x 60" x 74"		**ASU2460-4**	~~$196.42~~	**$163.68**
24" x 72" x 74"		**ASU2472-4**	~~$225.82~~	**$188.18**

* All kits come with four split sleeves per shelf

Mobile Wire Shelving Kits (Everything Included)

Mobile Wire Shelving Kits feature a chrome finish, which is very durable and ideal for use in up-front storage and material handling applictions. Posts have circular grooves at 1" intervals. Units are assembled in minutes without the use of any special tools. These kits contain everything you need to build a mobile shelving unit. See next page for additional accessories.

Kits Include:

- 4 Shelves
- 4 Posts
- 4 Swivel Casters (2 Braking)
- 4 Donut Bumpers
- 4 Split Sleeves per shelf

W x L x H	Part No.	~~List Price~~	Our Price
18" x 42" x 74"	**MSU1842-4**	~~$221.78~~	**$201.62**
18" x 48" x 74"	**MSU1848-4**	~~$223.18~~	**$202.89**
18" x 54" x 74"	**MSU1854-4**	~~$242.08~~	**$220.07**
18" x 60" x 74"	**MSU1860-4**	~~$243.48~~	**$221.35**
18" x 72" x 74"	**MSU1872-4**	~~$267.28~~	**$242.98**
24" x 48" x 74"	**MSU2448-4**	~~$251.88~~	**$228.98**
24" x 54" x 74"	**MSU2454-4**	~~$274.98~~	**$249.98**
24" x 60" x 74"	**MSU2460-4**	~~$277.78~~	**$252.53**
24" x 72" x 74"	**MSU2472-4**	~~$301.18~~	**$279.25**



TestEquity Security Unit Carts & Utility Carts

Security units protect valuable materials and sensitive items from loss or pilferage. The heavy-gauge, open-wire construction keeps the entire contents of the truck visible at all times, making it easy to check inventory. The durable chrome finish will not chip or flake. The ergonomic, 1/4-turn door handle makes opening and closing the unit easier than conventional security unit designs. Each door opens 270° and can be secured along the sides of the unit. These kits include everything you need to build a security unit. Unit assembles quickly, right out of the box. Available in mobile and stationary models.

BEST SELLER



Handle (Open Position)



Handle (Closed Position)



Security Unit Kits (Everything Included)

Mobile

W x L x H	Includes	Part No.	List Price	Our Price
24" x 36" x 66"	1 Security Cage, 4 Shelves, 4 Posts, 4 Swivel Casters (2 Braking) & 4 Donut Bumpers	**MSCU2436-4**	~~$965.80~~	**$526.80**
24" x 48" x 66"		**MSCU2448-4**	~~$1,159.47~~	**$632.44**
24" x 60" x 66"		**MSCU2460-4**	~~$1,253.97~~	**$683.98**

Stationary

24" x 36" x 66"	1 Security Cage, 4 Shelves, 4 Posts	**SSCU2436-4**	~~$871.50~~	**$475.36**
24" x 48" x 66"		**SSCU2448-4**	~~$1,065.17~~	**$581.00**
24" x 60" x 66"		**SSCU2460-4**	~~$1,159.67~~	**$632.55**

Wire Utility Cart Kits (Everything Included)

Maximize your storage and minimize your cost with the TestEquity line of wire utility carts. The open-wire design of these carbon-steel shelves minimizes dust accumulation and allows a free circulation of air and greater visibility of stored items. Tapered openings in the shelf corners slide over the tapered split sleeves providing a positive lock. Shelving units assemble in minutes without the use of any special tools. Shelves feature a durable chrome finish.

BEST SELLER

W x L	Includes	Part No.	List Price	Our Price
18" x 36"	Wire Utility Cart With 2 Shelves, 4 Split Sleeves Per Shelf, 2 Handles, 4 Swivel Casters (2 Braking) & 4 Donut Bumpers	**WUC1836**	~~$147.93~~	**$113.79**
18" x 42"		**WUC1842**	~~$156.68~~	**$120.52**
18" x 48"		**WUC1848**	~~$157.38~~	**$121.06**
24" x 36"		**WUC2436**	~~$159.83~~	**$122.95**
24 x 42"		**WUC2442**	~~$171.03~~	**$131.56**
24" x 48"		**WUC2448**	~~$172.43~~	**$132.64**

Add A Wire Shelf To Your Utility Cart

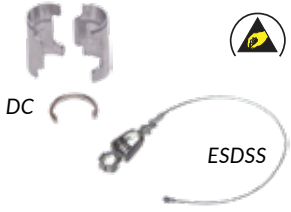
Load capacity for all shelves is 800 lbs., evenly distributed.



18" Width	Wire Chrome (Wire Shelf)		
W x L	Part No.	List Price	Our Price
18" x 36"	**1836C**	~~$66.50~~	**$29.09**
18" x 42"	**1842C**	~~$79.00~~	**$34.56**
18" x 48"	**1848C**	~~$80.00~~	**$35.00**
24" Width	**Wire Chrome (Wire Shelf)**		
24" x 36"	**2436C**	~~$82.50~~	**$36.09**
24" x 42"	**2442C**	~~$98.50~~	**$43.09**
24" x 48"	**2448C**	~~$100.50~~	**$43.97**

Add ESD Accessories To Any Cart On This Page Or The Previous Page (Optional)

Both the drag chain and aluminum split sleeves are required to make a unit ESD-safe.



Description	Part No.	Price
Drag Chain	**DC**	**$11.62**
Aluminum Split Sleeves - 4 Pairs	**ESDSS**	**$14.00**

BEVCO VALUE-LINE Lexington-E (V8) Series

BEVCO's VALUE-LINE LEXINGTON ESD series delivers ergonomic benefits with a smaller range of configuration options. Built to meet the demands of daily use for environments that do not have stringent ESD requirements yet require some level of static discharge control. Static dissipative when measured from seat/back to grounding chain ONLY.

V8 Series ESD - Upholstered

Casters Or Glides	Seat Height Adjustment	Footring Included	Base Size	Part No.	Our Price
Mushroom Glides	16" - 21"	–	25"	**V800SMG**	**$227.00**
Hard Floor Casters	17" - 22"			**V800SHC**	**$235.00**
Mushroom Glides	20" - 27-1/2"	Yes	27"	**V830SMG**	**$280.00**
Hard Floor Casters	21" - 28-1/2"			**V830SHC**	**$290.00**
Mushroom Glides	23" - 33"			**V850SMG**	**$280.00**
Hard Floor Casters	24" - 34"			**V850SHC**	**$290.00**

Features:
- Black nylon base
- Ergonomic waterfall seat
- Upholstery: top-rated conductive fabric is BIFMA Class 1 rated for durability and meets flame retardant standards of California Technical Bulletin 117
- Contoured back
- Control: 360° swivel and pneumatic height adjustment
- Seat: 18" (W) x 18" (D) x 2-3/4" Thick; Foam Density: 1.8-lbs., 36 IFD
- Back: 16" (W) x 15" (H) x 2" Thick
- Available in navy blue only



V850SHC

V800SHC

VALUE-LINE Lexington (V4) Series

BEVCO's VALUE-LINE LEXINGTON series delivers all of the outstanding ergonomic benefits of their standard upholstered seating solutions with a smaller range of configuration options. The VALUE-LINE is a reliable chair that was built to meet the demands of daily use. It's the perfect combination of comfort, style and affordability.

V4 Series - Upholstered

Casters Or Glides	Seat Height Adjustment	Footring Included	Base Size	Part No.	Our Price
Mushroom Glides	16" - 21"	–	25"	**V4007MG**	**$150.00**
Carpet Casters	17" - 22"			**V4007CC**	**$160.00**
Hard Floor Casters				**V4007HC**	**$160.00**
Mushroom Glides	20" - 27-1/2"	Yes	27"	**V4307MG**	**$178.00**
Carpet Casters	21" - 28-1/2"			**V4307CC**	**$188.00**
Hard Floor Casters				**V4307HC**	**$188.00**
Mushroom Glides	23" - 33"			**V4507MG**	**$178.00**
Carpet Casters	24" - 34"			**V4507CC**	**$188.00**
Hard Floor Casters				**V4507HC**	**$188.00**
Optional Arms					
Ergonomic Height Adjustable Arms, Polyurethane Pads For V4 Series Chairs Only				**AV**	**$60.00**

Features:
- Black nylon base
- Ergonomic waterfall seat
- Contoured back with durable bumper guard
- BIFMA Class 1-rated Olefin fabric resists fading, pilling, punctures and moisture and meets flame retardant standards of California Technical Bulletin 117
- Control: 360° Swivel and Pneumatic Height Adjustment
- Seat: 18" (W) x 18" (D) x 2-3/4" Thick; Foam Density: 1.86 lb., 36 IFD
- Back: 16" (W) x 15" (H) x 2" Thick

COLOR CHOICES

V4 Series is available in black, blue or gray (add color code when ordering). Example: V4007MG-GRAY.



V4507MG

V4007HC

VALUE-LINE Breva (V7) Series

BEVCO's VALUE-LINE BREVA series offers the same durability as other polyurethane seating solutions with a smaller range of configuration options. These durable chairs offer total body support with ergonomic features for industrial and institutional daily use.

V7 Series - Polyurethane

Casters Or Glides	Seat Height Adjustment	Footring Included	Base Size	Part No.	Our Price
Mushroom Glides	17" – 22"	–	25"	**V7007MG**	**$169.00**
Carpet Casters	18" – 23"			**V7007CC**	**$180.00**
Hard Floor Casters				**V7007HC**	**$180.00**
Mushroom Glides	21" – 28-1/2"	Yes	27"	**V7307MG**	**$202.00**
Carpet Casters	22" – 29-1/2"			**V7307CC**	**$213.00**
Hard Floor Casters				**V7307HC**	**$213.00**
Mushroom Glides	22" – 32"			**V7507MG**	**$235.50**
Carpet Casters	23" – 33"			**V7507CC**	**$213.00**
Hard Floor Casters				**V7507HC**	**$213.00**

Features:
- Black nylon base
- Ergonomic waterfall seat
- Resists stains and damage from punctures, grease, water and most chemicals
- Soft formed polyurethane seat: 18" (W) x 17" (D); Back: 12" (D) x 17" (W)
- Control: 360° Swivel and pneumatic height adjustment
- Available in black only



V7507MG

V7007CC

BEVCO Everlast (7000) Series

BEVCO's Everlast (7000) Seating is exclusively designed for outstanding comfort and long-lasting use. The rugged self-skinned polyurethane seat and back resist stains and damage from punctures, grease, water and most chemicals. 12-year guarantee.

Everlast (7000) Series Options

Description	*Part No.*	*Price*
Adjustable Arms (Must Be Added At Time Of Purchase) (Tilt Models Only; Polyurethane & CR Only)	**AA**	**$72.00**
Adjustable Arms (Must Be Added At Time Of Purchase) (Tilt Models Only; ESD & ESD/CR Only)	**AAE**	**$100.00**
Dual-Wheel Hard Floor Casters (5-Star Base)	**3850S/5**	**$20.00**
Dual-Wheel Hard Floor Casters (Tubular Steel Base)	**CADS/5**	**$20.00**
Dual-Wheel ESD Hard Floor Casters	**CARD/5S**	**$80.00**
Dual-Wheel Carpet Casters (5-Star Base)	**3850/5**	**$20.00**
Dual-Wheel Carpet Casters (Tubular Steel Base)	**CAD/5**	**$20.00**
Dual-Wheel Interval Brake Casters	**IBCS**	**$80.00**
Dual-Wheel ESD Interval Brake Casters	**IBCS-ESD**	**$100.00**
Dual-Wheel Reverse Braking Casters	**RBCS**	**$100.00**
Dual-Wheel ESD Reverse Braking Casters	**RBCS-ESD**	**$130.00**

Note: Casters add 1" to height of chair

Features:

- Fully adjustable back
- Sturdy five-legged base
- Metal components have scratch-resistant top grade baked enamel finish
- Seat: 17" (D) x 18-1/2" (W) x 1-1/2" Thick
- Back: 12-1/2" (D) x 16-1/2" (W) x 1" Thick
- 7000E Series is ESD-safe with static-dissipative properties that have a resistance of 10^5 - 10^9 Ω and ESD-safe mushroom glides



COLOR CHOICES

Available in Black (BLACK), Blue (BLUE) or Gray (GRAY). Add color code when ordering). Example: BEV-7050-BLUE. ESD models are available in Black only.

Everlast (7000) Series - visit www.Techni-Tool.com to view pricing

Height Range	*Base Style*	*Seat Height Adjustment*	*Adjustment Mechanism*	*Footring*	Polyurethane *Part No.*	ESD *Part No.*	Class 10 Cleanroom *Part No.*	ESD/Class 10 Cleanroom *Part No.*
Desk	25" Black Nylon	15" - 20"	2 Way	–	**7000**	**–**	**7000C1**	**–**
			3 Way		**7001**	**–**	**7001C1**	**–**
			4 Way		**7002**	**–**	**7002C1**	**–**
	25" Polished Aluminum	14-1/2" - 19-1/2"	2 Way		**7050**	**7050E**	**7050C1**	**7050E1**
			3 Way		**7051**	**7051E**	**7051C1**	**7051E1**
			4 Way		**7052**	**7052E**	**7052C1**	**7052E1**
Mid	27" Black Nylon	19-1/2" - 26-1/2"	2 Way	18" Adj. Chrome	**7300**	**–**	**7300C1**	**–**
			3 Way		**7301**	**–**	**7301C1**	**–**
			4 Way		**7302**	**–**	**7302C1**	**–**
	27" Polished Aluminum	17-1/2" - 25"	2 Way		**7350**	**7350E**	**7350C1**	**7350E1**
			3 Way		**7351**	**7351E**	**7351C1**	**7351E1**
			4 Way		**7352**	**7352E**	**7352C1**	**7352E1**
	22" Black Tubular Steel	19" - 24"	2 Way	19" Welded Chrome	**7200**	**–**	**–**	**–**
			3 Way		**7201**	**–**	**–**	**–**
			4 Way		**7202**	**–**	**–**	**–**
	22" Chrome Tubular Steel	19" - 24"	2 Way		**–**	**7210E**	**7210C1**	**7210E1**
			3 Way		**–**	**7211E**	**7211C1**	**7211E1**
			4 Way		**–**	**7212E**	**7212C1**	**7212E1**
Tall	27" Black Nylon	21" - 31"	2 Way	18" Adj. Chrome	**7500**	**–**	**7500C1**	**–**
			3 Way		**7501**	**–**	**7501C1**	**–**
			4 Way		**7502**	**–**	**7502C1**	**–**
	27" Polished Aluminum	20-1/2" - 30-1/2"	2 Way		**7550**	**7550E**	**7550C1**	**7550E1**
			3 Way		**7551**	**7551E**	**7551C1**	**7551E1**
			4 Way		**7552**	**7552E**	**7552C1**	**7552E1**
	22" Black Tubular Steel	24" - 29"	2 Way	19" Welded Chrome	**7600**	**–**	**–**	**–**
			3 Way		**7601**	**–**	**–**	**–**
			4 Way		**7602**	**–**	**–**	**–**
	22" Chrome Tubular Steel	24" - 29"	2 Way		**–**	**7610E**	**7610C1**	**7610E1**
			3 Way		**–**	**7611E**	**7611C1**	**7611E1**
			4 Way		**–**	**7612E**	**7612C1**	**7612E1**

RTW Table With Uprights & Accessories

The RTW Table is a versatile, basic workbench with standard height adjustability. Make the best use of the vertical space above your RTW workbench with the upright structures. The four-post design of the RTW Table provides superior stability and simplicity that allows you to focus on productivity. Features robust construction with 14-gauge steel and industrial laminate, which will provide years of performance. Weight capacity of the table is 750 lbs.

NOTE
Additional accessories for the RTW Table can be found on the next page.





A RTW Table

A versatile, basic workstation with height adjustability (30" - 36") and exceptional stability.

30" (D)		ESD Laminate			Standard Laminate		
D x W	*Frame Color*	*Worksurface Color*	*Part No.*	*Price*	*Worksurface Color*	*Part No.*	*Price*
30" x 36"	Blue	ESD Gray	**3109**	**$515.00**	White	**3001**	**$390.00**
30" x 48"	Blue	ESD Gray	**3100**	**$522.00**	White	**3000**	**$390.00**
30" x 60"	Blue	ESD Gray	**3105**	**$564.00**	White	**3005**	**$408.00**
30" x 72"	Blue	ESD Gray	**3110**	**$623.00**	White	**3010**	**$450.00**
30" x 96"	Blue	ESD Gray	**3114***	**$722.00**	White	**3014***	**$496.00**
36" (D)		**ESD Laminate**			**Standard Laminate**		
36" x 36"	Blue	ESD Gray	**3103**	**$523.00**	White	**3003**	**$420.00**
36" x 48"	Blue	ESD Gray	**3102**	**$551.00**	White	**3002**	**$418.00**
36" x 60"	Blue	ESD Gray	**3107**	**$593.00**	White	**3007**	**$441.00**
36" x 72"	Blue	ESD Gray	**3111**	**$661.00**	White	**3011**	**$472.00**
36" x 96"	Blue	ESD Gray	**3115***	**$745.00**	White	**3015***	**$516.00**

* Note: Worksurface is wider than 72" frame and has a 12" overhang on the left and right side of the bench

B Power Rail, 15 Amp

Lighted control switch includes circuit breaker protection. Universal mounting brackets allow this item to be mounted with the outlets in any direction on the uprights or any flat surface.

Description	*Part No.*	*Price*
6 Outlet, 36" (W)	**8319**	**$107.00**
6 Outlet, 48" (W)	**8320**	**$116.00**
8 Outlet, 60" (W)	**8323**	**$127.00**
8 Outlet, 72" (W)	**8326**	**$135.00**

C Drawer Units

Full extension drawer constructed with heavy gauge steel for durability. Stackable with other drawer units. Drawers are all 14" (W) x 18" (D). Includes mounting kit. Includes a hold-closed feature. Locks are sold separately. Drawers can easily be stacked.

Description	*Part No.*	*Price*
6" (H) Drawer	**8606**	**$137.00**
12" (H) Drawer	**8611**	**$171.00**
(2) 6" (H) Double Drawer - Total Height Is 12"	**8614**	**$243.00**

D Uprights

Includes one pair of uprights and mounting kit. RTW Table is sold separately.

Description	*Part No.*	*Price*
48" (H) Uprights, 1 Pair	**8535**	**$66.00**
60" (H) Uprights, 1 Pair	**8536**	**$71.00**

E Overhead Arms

Allows the addition of the overhead light and tool track trolley, both sold separately, to your workbench.

Description	*Part No.*	*Price*
Overhead Arms, 1 Pair	**8538**	**$107.00**

F Trolley System

Can be used in conjunction with overhead lighting, air or power. Requires Overhead Arms, sold separately. Additional trolleys may be added, but are sold separately. Tool balancer is sold separately.

Description	*Part No.*	*Price*
36" (W) Trolley System W/1 Trolley	**8339**	**$49.00**
48" (W) Trolley System W/1 Trolley	**8340**	**$52.00**
60" (W) Trolley System W/1 Trolley	**8343**	**$58.00**
72" (W) Trolley System W/1 Trolley	**8346**	**$62.00**
Additional Trolley	**8349**	**$15.00**
Tool Balancer - Up To 5-lbs.	**8357**	**$81.00**

G Universal Shelf

Versatile shelf can be used like a traditional flat shelf, can slide back to extend behind the workstation or can be tilted up to 30°. A 1" lip prevents items from sliding off the shelf. Weight capacity: 125 lbs. evenly distributed.

D x W	*Part No.*	*Price*
12" x 36"	**8411**	**$107.00**
12" x 48"	**8410**	**$113.00**
12" x 60"	**8413**	**$117.00**
12" x 72"	**8416**	**$121.00**
18" x 36"	**8391**	**$139.00**
18" x 48"	**8390**	**$133.00**
18" x 60"	**8393**	**$144.00**
18" x 72"	**8396**	**$156.00**
24" x 36"	**8395**	**$152.00**
24" x 48"	**8392**	**$144.00**
24" x 60"	**8394**	**$156.00**
24" x 72"	**8397**	**$169.00**

Production BASICS RTW Table With Uprights & Accessories

Continued from previous page

H Peg Board

Mounts to uprights, sold separately. Uses standard pegs. 1/4" holes on 1" centers. 18" high. Weight capacity: 35-lbs.

Description	Part No.	Price
36" (W) Peg Board	**8721**	**$166.00**
48" (W) Peg Board	**8722**	**$173.00**
60" (W) Peg Board	**8723**	**$178.00**
72" (W) Peg Board	**8724**	**$187.00**

I Parts Bin Panel

Used for moving up to 24 parts storage bins (sold separately) within the operator's primary work zone. Comes with a single swing. 17.5" (W) x 16.5" (H).

Description	Part No.	Price
Single Arm, 19" Extension	**8639**	**$128.00**
Double Arm, 24" Extension	**8627**	**$191.00**

J Undersurface Shelf

Provides additional storage space under your RTW Table for supplies and tools. Made of 14-gauge steel. Supports up to 50 lbs.

D x W	Part No.	Price
14.5" x 36"	**8479**	**$85.00**
14.5" x 48"	**8476**	**$72.00**
14.5" x 60"	**8477**	**$80.00**
14.5" x 72"	**8478**	**$85.00**



Overhead LED Lighting

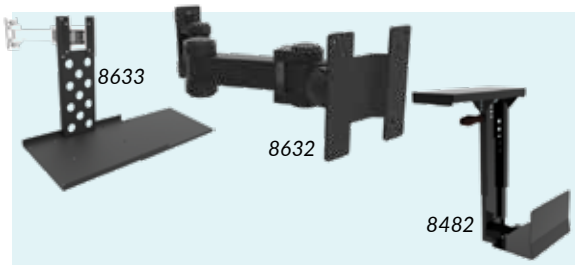
Reduce energy costs with the LED overhead light. Direct light for comfort or task with both a dimmer and tilt feature. Includes overhead arms for attachment to the upright open frame or uprights. Flicker free operation

Description	Part No.	Price
36" (W)	**8902**	**$279.00**
48" (W)	**8900**	**$312.00**
60" (W)	**8905**	**$344.00**
72" (W)	**8910**	**$375.00**

Overhead Lighting

Three-bulb overhead light. Light extends 14" above the top of the uprights. Energy efficient electronic ballasts ensure flicker-free operation. Requires T8 lightbulbs, not included. Overhead arms included.

Description	Part No.	Price
36" (W)	**8504**	**$189.00**
48" (W)	**8500**	**$210.00**
60" (W)	**8505**	**$225.00**
72" (W)	**8510**	**$240.00**



Computer Accessories

Flat Screen Monitor Arm: Accepts 75 & 100mm mounting areas. 17" extension. Two-piece articulating arm and swivel mounting plate allow for flexible adjustment.
Flat Screen Monitor Arm Add-On Keyboard: For use with flat screen monitor arm, sold separately.
CPU Holder: Mounts under the worksurface of any table with a flat mounting area. Accommodates varying sizes of computers.

Description	Part No.	Price
Flat Screen Monitor Arm	**8632**	**$130.00**
Flat Screen Monitor Arm Add-On Keyboard	**8633**	**$35.00**
Adjustable CPU Holder	**8482**	**$120.00**

Parts Bin Rail



Hang storage bins along the width of the workstation. 35-lb. weight capacity.

Width	Part No.	Price	Width	Part No.	Price
36"	**8301**	**$28.00**	60"	**8303**	**$34.00**
48"	**8300**	**$29.00**	72"	**8306**	**$39.00**

Free-Standing Footrest



Height adjustable (1.5" - 15") footrest with a non-slip pad.

Description	Part No.	Price
80° Angled Footrest	**8659**	**$135.00**

Standard & ESD Laminate Shelf



Heavy-duty shelf for applications requiring up to 175 lbs. of support. Industrial-grade core. 1.25" thick. Finished with rounded corners and protective T-mold edge. ESD models include a standard ground bolt and wire. Frame color is black.

15" (D)	ESD Laminate - Gray		Standard Laminate - White	
D x W	Part No.	Price	Part No.	Price
15" x 36"	**8431**	**$159.00**	**8419**	**$119.00**
15" x 48"	**8430**	**$148.00**	**8420**	**$119.00**
15" x 60"	**8433**	**$159.00**	**8423**	**$130.00**
15" x 72"	**8436**	**$169.00**	**8426**	**$142.00**
18" (D)	**ESD Laminate - Gray**		**Standard Laminate - White**	
18" x 36"	**8417**	**$152.00**	**8418**	**$129.00**
18" x 48"	**8437**	**$194.00**	**8427**	**$129.00**
18" x 60"	**8438**	**$171.00**	**8428**	**$141.00**
18" x 72"	**8439**	**$180.00**	**8429**	**$151.00**



Universal Mounting Bar & Flat Screen Monitor Bracket

The Universal Mounting Bar installs directly onto the C-Leg frame or uprights and spans the width of the station. After adding a Flat Screen Monitor Bracket, customers can mount monitors to the workstation. Select a universal mounting bar and one flat screen monitor bracket. Add as many monitors as needed to your workstation by buying extra brackets.

Universal Mounting Bar

Description	Part No.	Price
36" (W)	**8675**	**$60.00**
48" (W)	**8676**	**$62.00**
60" (W)	**8677**	**$64.00**
72" (W)	**8678**	**$66.00**

Flat Screen Monitor Bracket

Flat Screen Monitor Bracket	**8635**	**$78.00**
Flat Screen Monitor Arm Add-on Keyboard	**8633**	**$35.00**



Suspended Drawer Units

This accessory houses 3", 6" and 12" drawer sizes in various combinations, in one chassis. Each combination measures 19" (D) x 14" (W) x 18" (H) and comes with a mounting kit. Locks are not included.

Description	Part No.	Price
(6) 3" Drawers	**8841**	**$466.00**
(4) 3" & (1) 6" Drawers	**8843**	**$419.00**
(2) 3" & (2) 6" Drawers	**8845**	**$370.00**
(2) 3" & (1) 12" Drawers	**8847**	**$319.00**
(3) 6" Drawers	**8849**	**$321.00**
(1) 6" & (1) 12" Drawers	**8851**	**$271.00**

Techni-Tool Heavy Duty Workbenches - 5,000 lbs. Capacity

These professional workbenches have been tested to easily hold over 6,600 lbs. The 2" square tubular legs have 1/4"-thick steel plates welded into their center for maximum strength. Class 100 Cleanroom, chemical resistant, 20,000 lb. capacity workbenches and other options are all available - call for details.

A Workbenches

	Heavy Formica™ Laminate Top		Heavy LisStat™ ESD Top	
D x L	*Part No.*	*Price*	*Part No.*	*Price*
24" x 60"	**KF2460**	**$370.00**	**KD2460**	**$476.00**
24" x 72"	**KF2472**	**$407.00**	**KD2472**	**$530.00**
30" x 48"	**KF3048**	**$358.00**	**KD3048**	**$460.00**
30" x 60"	**KF3060**	**$403.00**	**KD3060**	**$525.00**
30" x 72"	**KF3072**	**$446.00**	**KD3072**	**$590.00**
30" x 96"	**KF3096**	**$600.00**	**KD3096**	**$786.00**
36" x 60"	**KF3660**	**$452.00**	**KD3660**	**$592.00**
36" x 72"	**KF3672**	**$500.00**	**KD3672**	**$664.00**
36" x 96"	**KF3696**	**$669.00**	**KD3696**	**$882.00**
36" x 120"	**KF36120**	**$798.00**	**KD36120**	**$1,060.00**
48" x 120"	**KF48120**	**$929.00**	**KD48120**	**$1,258.00**
	Chemical Resistant Phenolic Resin Top		Stainless Steel Top	
24" x 60"	**KY2460**	**$655.00**	**KN2460**	**$569.00**
24" x 72"	**KY2472**	**$757.00**	**KN2472**	**$648.00**
30" x 48"	**KY3048**	**$651.00**	**KN3048**	**$548.00**
30" x 60"	**KY3060**	**$776.00**	**KN3060**	**$644.00**
30" x 72"	**KY3072**	**$899.00**	**KN3072**	**$739.00**
30" x 96"	**KY3096**	**$1,174.00**	**KN3096**	**$991.00**
36" x 60"	**KY3660**	**$897.00**	**KN3660**	**$735.00**
36" x 72"	**KY3672**	**$1,043.00**	**KN3672**	**$843.00**
36" x 96"	**KY3696**	**$1,361.00**	**KN3696**	**$1,128.00**
36" x *	**KY36120**	**$1,714.00**	**KN36117**	**$1,375.00**
48" x *	**KY48120**	**$2,184.00**	**KN48117**	**$1,678.00**

*** The length** for KW36120 & KW48120 is 120". The length for KN36117 & KN48117 is 117".

Steel Drawers - Stackable

	H x W	*Part No.*	*Price*
B	2" x 13-1/2"	**D2**	**$128.00**
	4" x 13-1/2"	**D4**	**$131.00**
C	6" x 13-1/2"	**D6**	**$134.00**
	12" x 13-1/2" W/File Rods	**D12F**	**$147.00**

D LED Light Fixture & Light Frame

Heavy duty powder-coated aluminum enclosure. Requires upright set, sold separately.

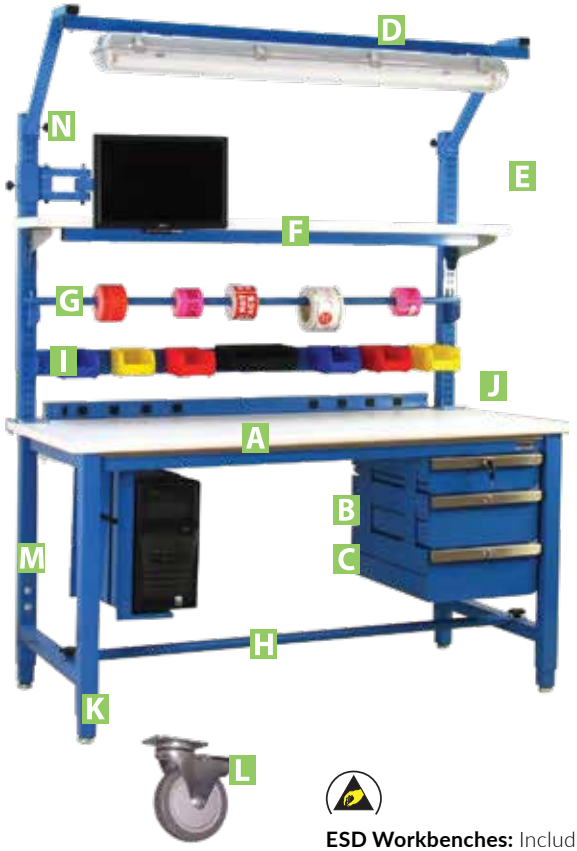
Size	*Part No.*	*Price*
48"	**LFA482DLED03**	**$184.00**
60"	**LFA602DLED04**	**$195.00**
72"	**LFA722DLED05**	**$250.00**
96"	**LFA962DLED06**	**$287.00**

E Upright Set

Size	*Part No.*	*Price*
24"	**U24L**	**$60.00**
36"	**U36L**	**$88.00**

F Formica™ Top Shelf

Standard	*Part No.*	*Price*
12" x 48"	**TS1248**	**$69.00**
12" x 60"	**TS1260**	**$83.00**
12" x 72"	**TS1272**	**$98.00**
12" x 96"	**TS1296**	**$131.00**
ESD		
12" x 48"	**TSD-1248**	**$100.00**
12" x 60"	**TSD-1260**	**$122.00**
12" x 72"	**TSD-1272**	**$144.00**
12" x 96"	**TSD-1296**	**$131.00**



COLORS
Specify color when ordering.

Frame Color Choices:
- *Dark Blue*
- *Light Blue*
- *White*
- *Gray*
- *Black*

Formica™ Laminate Color Choices:
- *Frosty White*
- *Gray*
- *Desert Beige*
- *Black*

ESD LisStat™ Laminate Color Choices:
- *White*
- *Gray*
- *Black*

ESD Workbenches: Include 2 wrist strap jacks, 2 grounding lugs, 2 green grounding wires and aluminum sheet underneath the ESD top for maximum conductivity.

G Roll Holder

Requires upright set, sold separately.

Size	*Part No.*	*Price*
48"	**R-48**	**$53.00**
60"	**R-60**	**$55.00**
72"	**R-72**	**$58.00**
96"	**R-96**	**$72.00**

H Adjustable Footrest

Size	*Part No.*	*Price*
48"	**F48-2P**	**$26.00**
60"	**F60-2P**	**$32.00**
72"	**F72-2P**	**$39.00**
96"	**F96-2P**	**$53.00**

I Bin Box Rail

Requires upright set, sold separately.

Size	*Part No.*	*Price*
48"	**B48**	**$48.00**
60"	**B60**	**$55.00**
72"	**B72**	**$64.00**

J Aluminum Power Strip

Size	*Part No.*	*Price*	*Size*	*Part No.*	*Price*
48"	**A8-48**	**$94.00**	72"	**A8-72**	**$107.00**
60"	**A8-60**	**$100.00**	96"	**A8-96**	**$122.00**

K Adjustable Legs - 2" Increments

Benches are made to order in any height.

Size	*Part No.*	*Price*
6" Adjustable Legs	**LP**	**$44.00**
12" Adjustable Legs	**LP12**	**$66.00**

L Dual Locking Casters

1,200-lb. capacity per set. Made of urethane.

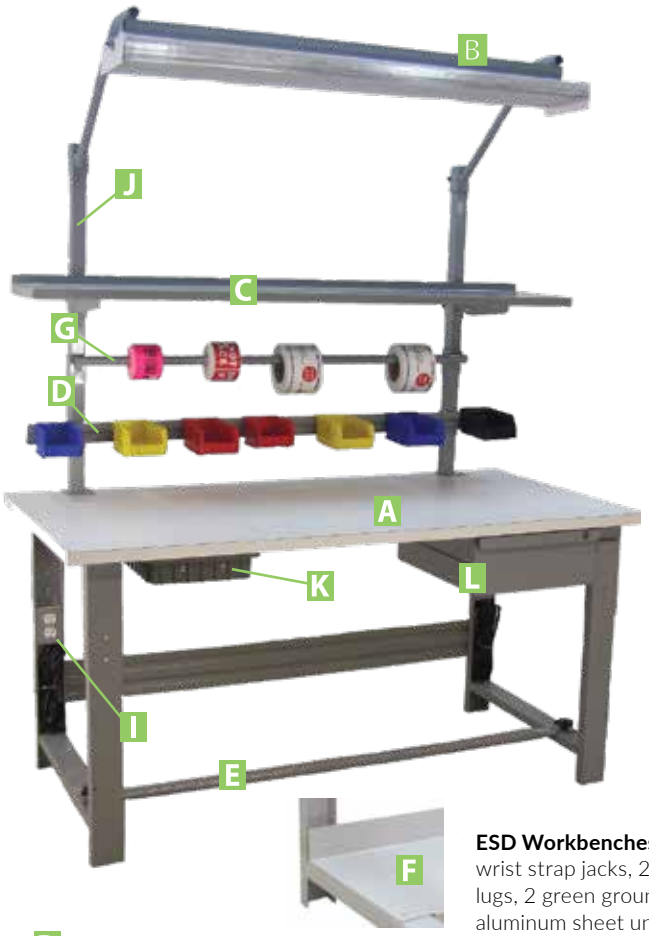
Description	*Part No.*	*Price*
Set Of 4	**CL5-UB**	**$155.00**

Additional Accessories

Description	*Part No.*	*Price*
M CPU Holder	**CH**	**$67.00**
N Articulating LCD Monitor Holder	**MHLV**	**$100.00**

Techni-Tool Heavy Duty Workbenches - 1,000 lbs. Capacity

These heavy duty workbenches feature the finest channel leg design available in the usa today. Weight capacity: 1,000 lbs. Height adjustment is made at the top of the leg for convenience. Benches are height adjustable from 30" to 36". The paint is resistant to various chemicals and is scratch-resistant. Class 100 Cleanroom tops, other colors, sizes and options are available - call for details.



COLORS
Specify color when ordering.

Frame Color Choices:
- *Dark Blue*
- *Light Blue*
- *Gray*
- *Black*

Formica™ Laminate Color Choices:
- *Frosty White*
- *Gray*
- *Desert Beige*
- *Black*

ESD LisStat™ Laminate Color Choices:
- *White*
- *Gray*
- *Black*



A Workbenches

	Heavy Formica™ Laminate Top		Heavy LisStat™ ESD Top	
D x L	*Part No.*	*Price*	*Part No.*	*Price*
24" x 48"	**RE2448**	**$141.00**	**RD2448**	**$234.00**
24" x 60"	**RE2460**	**$156.00**	**RD2460**	**$266.00**
24" x 72"	**RE2472**	**$169.00**	**RD2472**	**$298.00**
30" x 48"	**RE3048**	**$152.00**	**RD3048**	**$259.00**
30" x 60"	**RE3060**	**$168.00**	**RD3060**	**$296.00**
30" x 72"	**RE3072**	**$185.00**	**RD3072**	**$334.00**
36" x 48"	**RE3648**	**$164.00**	**RD3648**	**$285.00**
36" x 60"	**RE3660**	**$181.00**	**RD3660**	**$327.00**
36" x 72"	**RE3672**	**$199.00**	**RD3672**	**$370.00**
36" x 96"	**RE3696**	**$286.00**	**RD3696**	**$528.00**
36" x 120"	**RE36120**	**$317.00**	**RD36120**	**$587.00**
	Butcher Block Top		**Stainless Steel Top**	
24" x 48"	**RW2448**	**$268.00**	**RN2448**	**$266.00**
24" x 60"	**RW2460**	**$313.00**	**RN2460**	**$309.00**
24" x 72"	**RW2472**	**$393.00**	**RN2472**	**$352.00**
30" x 48"	**RW3048**	**$336.00**	**RN3048**	**$307.00**
30" x 60"	**RW3060**	**$395.00**	**RN3060**	**$359.00**
30" x 72"	**RW3072**	**$458.00**	**RN3072**	**$411.00**
36" x 48"	**RW3648**	**$383.00**	**RN3648**	**$348.00**
36" x 60"	**RW3660**	**$472.00**	**RN3660**	**$409.00**
36" x 72"	**RW3672**	**$526.00**	**RN3672**	**$470.00**
36" x 96"	**RW3696**	**$754.00**	**RN3696**	**$672.00**
36" x *	**RW36120**	**$836.00**	**RN36117**	**$746.00**

*** The length** for RW36120 is 120". The length for RN36117 is 117".

B Light Complete

Requires upright set, sold separately. Includes 48" fluorescent fixture w/2 bulbs, mounting frame & 9' cord w/switch.

Size	*Part No.*	*Price*
48"	**RLK-48**	**$134.00**
60"	**RLK-60**	**$144.00**
72"	**RLK-72**	**$158.00**

C Top Shelf

Requires upright set, sold separately. Includes adjustable brackets. Shelves are laminated on all 6 sides.

	Formica™		ESD	
Size	*Part No.*	*Price*	*Part No.*	*Price*
12" x 48"	**RTS-1248**	**$50.00**	**RTSD-1248**	**$76.00**
12" x 60"	**RTS-1260**	**$58.00**	**RTSD-1260**	**$92.00**
12" x 72"	**RTS-1272**	**$76.00**	**RTSD-1272**	**$118.00**

D Bin Box Rail

Requires upright set, sold separately.

Size	*Part No.*	*Price*
48"	**RBR-48**	**$37.00**
60"	**RBR-60**	**$41.00**
72"	**RBR-72**	**$46.00**

E Adjustable Footrest

Requires upright set, sold separately.

Size	*Part No.*	*Price*
44"	**RF-44P**	**$31.00**
56"	**RF-56P**	**$35.00**
68"	**RF-68P**	**$41.00**

F Steel Bottom Shelf

Requires upright set, sold separately.

Size	*Part No.*	*Price*
12" x 44"	**RBSM-1244**	**$44.00**
12" x 56"	**RBSM-1256**	**$51.00**
12" x 68"	**RBSM-1268**	**$57.00**

G Roll Holder

Requires upright set, sold separately.

Size	*Part No.*	*Price*
48"	**R-48**	**$53.00**
60"	**R-60**	**$55.00**
72"	**R-72**	**$58.00**

ESD Workbenches: Include 2 wrist strap jacks, 2 grounding lugs, 2 green grounding wires and aluminum sheet underneath the ESD top for maximum conductivity.

H Lower Bin Shelf

Size	*Part No.*	*Price*
42"	**RLBS-42**	**$72.00**
54"	**RLBS-54**	**$82.00**
66"	**RLBS-66**	**$95.00**

I 8 Outlet Power Strip

Description	*Part No.*	*Price*
Power Strip	**AL-8**	**$37.00**

J 36" Upright Set

Size	*Part No.*	*Price*
36"	**RU-36**	**$46.00**

K Nylon Bin Drawer

Description	*Part No.*	*Price*
Nylon Bin Drawer	**PD**	**$25.00**

L Steel Drawer

H x W	*Part No.*	*Price*
2" x 13-1/2"	**RD2**	**$76.00**
6" x 13-1/2"	**RD6**	**$81.00**
12" x 13-1/2"	**RD12**	**$96.00**

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