

Meters, Testers & Panel Meters

3 LEVELS OF SAVINGS
NAME BRANDS **HOUSE BRANDS** **SPECIAL BUY**

FLUKE

Meters & Testers

EXTECH
INSTRUMENTS

JAMECO BenchPro

NEW
MARKED IN PINK

* Web Code: EMT



Part No.	Manufacturer	Mfr. Part No.	Description	1	5
219361	Fluke	FLK-V3000 FC	Wireless AC Voltage Module, saves 65,000 readings, 2.4GHz RF Communications	\$169.95	—
219361	Extech	IR-201	Thermometer, Pocket IR with Laser Pointer, measures temp. (-58°F to 518°F) F of V 6:1	59.99	54.95
2112541	Extech	42510A	Thermometer, wide range mini IR, 12:1 compact thermometer w/ laser pointer (-58°F to -1200°F/-50°C to -650°C) 12:1 Compact IR	99.99	94.95
2173651	Fluke	FLUKE-62 MAX	Thermometer, infrared handheld, measures temp. (-22°F to +932°F), IP54 rated, laser pointer, distance to spot size ratio 10:1	99.95	—
214480	Fluke	FLUKE-52-2	Thermometer, measures temp. large backlit dual display, dust splash resistant (-328°F to 2501°F)	319.95	—
218085	Extech	45118	Thermo-Anemometer, mini, measures temp. (0°F to 122°F) & air velocity (1.1mph to 62.5mph)	114.99	109.95
131764	BenchPro	LX-102	Light Meter, digital, ranges: LUX 0 to 50,000, footcandle 0 to 5,000	109.95	89.95
1939642	Extech	480836	RF EMF Strength Meter, measures frequency (50MHz to 3.5GHz)	259.99	244.95
645642	Extech	407730	Sound Level Meter, digital, decibel range (40dB to 130dB)	89.99	85.95
198002	Extech	40180	Tone Generator & Amplifier Probe, tests: wire trace, continuity, clear/busy/ringing line, and tip/ring ID	94.99	—
2130749	Velleman	VTLAN4	LAN tester, tests RJ-45, 10 Base-T, Token Ring, RJ11/12 cables, network, telephone and most types of computer cables	14.95	13.49
14285	BenchPro	RS232	RS232 Line Tester, identifies simple interface problems on lines 2-6, 8, 11, 19, 20	9.95	8.95
2210554	Fluke	FLK-PC3000 FC	Wireless PC Adapter, collects 65000 sets of time stamped readings from FC remote modules	54.95	—
2175445	Velleman	DVM6013	3½-digit Capacitance Meter	69.95	66.49
2206045	Dawson	DET300	Outlet Socket Tester 3 Wire GFCI	9.95	8.95
2206037	Dawson	DDM30	Smart SMD Tweezer Tester	44.95	39.95
198678	Extech	LCR Meter	Passive Component LCR Meter	209.99	199.95
2075946	P3	P4400	Kill A Watt® Energy Consumption Meter	29.95	26.95
2193432	P3	P4482	Kill A Watt® Control - Power Monitor and Automatic Timer	39.95	35.95
2208163	Dawson	DET161	AC Voltage Detector 100-240VAC, 50-60Hz	7.95	7.49
2210589	Fluke	FLK-V3001 FC	Wireless DC Voltage Module, measure up to 1000VDC, stand-alone meter	169.95	—
2210562	Fluke	FLK-T3000 FC	Wireless Temperature Module, K-Type range (-200°C to +1372°C), Resolution: 0.1°C	169.95	—
2210538	Fluke	FLK-3000 FC GM	General maintenance system, works on electrical panels, faster, safer, easier	849.95	—
2210546	Fluke	FLK-3000 FC IND	Industrial system, works on electrical panels faster, safer, easier	999.95	—

* Digital Panel Meters — Enter Web Code WBU

velleman

Analog Panel Meters

- Includes mounting hardware
- 316507: Includes current shunt

Part No.	Mfr. P/N	Range	Size (W" x H" x D")	1	10
316603	AVM6015	0 - 15VDC	2.4 x 1.8 x 1.3	9.95	8.95
316671	AVM7015	0 - 15VDC	2.8 x 2.4 x 1.4	9.95	8.95
316638	AVM6030	0 - 30VDC	2.4 x 1.8 x 1.3	9.95	8.95
316654	AVM7030	0 - 30VDC	2.8 x 2.4 x 1.4	9.95	8.95
315301	AIM60005	0 - 50µA	2.4 x 1.8 x 1.3	9.95	8.95
316523	AIM6050	0 - 50mA	2.4 x 1.8 x 1.3	8.95	7.95
316486	AIM60100	0 - 100mA	2.4 x 1.8 x 1.3	9.95	8.95
316558	AIM60500	0 - 500mA	2.4 x 1.8 x 1.3	9.95	8.95
316566	AIM60500	0 - 5A	2.4 x 1.8 x 1.3	9.95	8.95
316582	AIM705000	0 - 5A	2.8 x 2.4 x 1.4	9.95	8.95
316494	AIM6010A	0 - 10A	2.4 x 1.8 x 1.3	9.95	8.95
316507	AIM6030A	0 - 30A	2.4 x 1.8 x 1.3	12.95	11.65

* Web Code: YBQ



316603



316523

* 7, 14 & 16-Segment Displays — Enter Web Code PBW

* Meters and Testers — Enter Web Code EMT



2113201

2095040

2095074

2116584

LASCAR
ANALOG PANEL METERS

Drill Mountable Panel Meters

* Web Code: WBU

- Mount by simply drilling a single hole (7/32") and insert the threaded section of the panel meter
- Module size: 1.71"L x 0.84"W

Part No.	Mfr. Part No.	Description	Digit Ht.	Supply Volt.	Measurement Range	1	5	25
2113201	EMV-1125	3½-digit, LCD volt/current meter	.50"	7.5-15VDC	200mV-20V/200µA-200mA	\$39.95	\$34.95	\$31.95
2095040	EMV 1200	3-digit, signal pwr'd, LCD voltmeter	.50"	3-50VDC	4-25VDC	29.95	28.49	26.95
2095074	EMC 1500	5-digit, LCD hour meter	.35"	5-27VDC	99999 hours	29.95	28.49	26.95
2116584	V1	3½-digit, LCD voltmeter	.25"	7-12VDC	200mV-20V	16.95	15.95	14.95

JAMECO ValuePro LCD Digital Panel Meters

- Input ranges: 200mV, 20V, 200V, 500V
- Input impedance: >100MΩ
- Accuracy: ±0.5%
- Automatic polarity indication
- Supply voltage: 8-12VDC (recommend 9V battery P/N 151095, pg 115)
- Size: 2.7"W x 1.7"H (Velleman & ValuePro meters)
- Size: 1.8"W x 1.0"H (DFRobot meters)

DFROBOT
Velleman



2131135

NEW
MARKED IN PINK

* Web Code: WBU

Part No.	*Mfr.	Mfr. Part No.	Description	1	10	25
2131135	VEL	PMLCDL	3½-digit	\$7.95	\$7.49	\$6.95
2076113	VEL	PMLD/5	3½-digit 5VDC	19.95	17.95	16.95
2190750	DFR	DFR0130-R	3-digit red LED (4.5V-30V)	10.95	9.95	8.95
2152323	DFR	DFR0130-B	3-digit LED (4.5V-30V w/ 1% accuracy)	10.95	9.95	8.95
2190768	DFR	DFR0244-B	LED current meter (blue)	10.49	9.49	8.49
2190776	DFR	DFR0245-R	LED current meter (red)	10.95	9.95	8.95
108388	JVP	PM-428†	3½-digit (no bezel, snap mount)	9.95	8.95	7.95
2144606	JVP	CX102B	3½-digit red (4.75VDC-5.25VDC)	11.95	10.95	9.95
175951	JVP	PM-128†	3½-digit (bezel, screw mount)	12.95	11.65	10.49
146835	JVP	PM-188BL†	3½-digit (with backlight display)	14.95	13.45	11.95
2076121	VEL	PM/RES	Resistor set for Velleman meters	1.95	1.75	1.49

Cannot use in common ground app. † Only the PM parts

*Mfr.: VEL = Velleman; DFR = DFRobot; JVP = Jameco ValuePro

Function Generators, Oscilloscopes & Probe Sets

Function Generators

NEW
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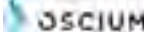
* Web Code: DEJ



Part No.	Manufacturer	Mfr. Part No.	Features	Bandwidth	# of Waveform Types	Size (in.)	Wt. (lbs.)	Includes*	Price
229251	Instek	GFG-8020H	Built-in 4-digit counter with CMOS output	2MHz	5	9.1 x 3.7 x 11.0	4.6	1, 2, 3	\$214.95
2160411	Instek	SFG-1003	DDS with FPGA design and 6-digit LED display	3MHz	4	9.9 x 3.6 x 11.5	4.6	1, 2, 3	174.95
685329	SKMI	SK-3000	Rotary switch w/ positive/negative pulses	3MHz	6	10.5 x 3.9 x 11.2	6.6	1, 3	209.95
229260	Instek	GFG-8216A	Built-in 6-digit counter with INT/EXT function	3MHz	6	9.9 x 3.6 x 11.5	4.6	1, 2, 3	244.95
2112831	SKMI	SK5200	Rotary switch control w/ built-in 60MHz counter	5MHz	6	11.8 x 3.5 x 10.8	5.5	1, 3	279.95
160469	B&K Precision	BK/4011A	4-digit digital LED display, coarse/fine tuning, variable duty cycle	5MHz	4	10.4 x 11.7 x 3.4	7.8	1, 2, 3	354.95
2207259	Link Instruments	MSO-28	10-channel PC based oscilloscope and logic analyzer	60MHz	—	4.0 x 2.4 x 0.8	0.88	1, 2, 3	324.95

*1. Power cord 2. BNC cable 3. User's manual

Oscilloscopes



* Web Code: RCG



Part No.	Manufacturer	Mfr. Part No.	Bandwidth	Features	Size (in.)	Wt. (lbs.)	Includes	Price
2205940	Gobotronics	GT-0007	200kHz	Mixed signal, 2MSa/s, PDI interface, board and headers	1.98 x 1.01	0.017	Two 10-pin headers	\$22.95
2205907	Gobotronics	GT-0010	200kHz	Mixed signal plug-in DIP package, 2MSa/s, 0.96" OLED	1.615 x 1.01	0.024	Two 10-pin headers	54.95
2205915	Gobotronics	GT-0005	200kHz	Mixed signal plug-in DIP package, 2MSa/s, 2.42" OLED	3.3 x 1.75	0.065	Two 10-pin headers	74.95
2205923	Gobotronics	GT-0012	200kHz	Mixed signal handheld, 2MSa/s, 1.3" OLED, 600mAh Li-Ion	3.13 x 1.83 x 0.7	0.37	Header, USB cable, 2 test clip leads	104.95
2205931	Gobotronics	GT-0015	200kHz	Mixed signal handheld, 2MSa/s, 2.42" OLED, 750mAh Li-Ion	3.17 x 2.22 x 0.7	0.40	Header, USB cable, 2 test clip leads	129.95
2136518	Parallax	32220	—	Propscope, 2-channels, 25MSa/s, built-in expansion port, software for multiple test equipment	4.7 x 2.7 x 1.1	1.0	2 probes (x1/x10), USB cable, DAC expansion card	199.95
2160534	Oscium	IMSO-104	5MHz	Mixed signal scope for iPad, iPhone and iTouch; 12MSa/s, 1 analog channel, 4 digital channels	1.6 x 2.2 x 0.4	0.39	Test probe (x1/x10), harness (4 digital +1 ground), SMD grabbers	279.95
2196051	Oscium	IMSO-204	5MHz	Mixed signal scope for iPad, iPhone; 50MSa/s, 2 analog/4 digitals channels	1.6 x 2.2 x 0.4	0.48	2 test probes (1x/10x), harness, SMD grabbers, screwdriver	399.95
2127339	Velleman	HPS140I	10MHz	Handheld pocket size, 40MSa/s, hold/store function, autorange, 6 hours on single charge	2.9 x 4.5 x 1.1	0.91	NiMH rechargeable battery pack, test probe (x10), USB charger	189.95
2187454	Velleman	PCSU200	12MHz	USB PC-Based scope, function generator, transient recorder, bode plotter and spectrum analyzer	3.9 x 3.9 x 1.4	0.54	USB cable, user's manual	149.95
2137422	Velleman	PCSGU250	12MHz	All-in-One PC lab with o-scope, spectrum analyzer, recorder, function generator, bode plotter	2.2 x 8.2 x 7	2.1	Scope probe, BNC-to-RCA adaptor, USB cable, CD software, manual	249.95
160661	Fluke	FLUKE-123/003	20MHz	Industrial scopemeter, 2-channel, RS-232, saves 10 waveform screens, TrendPlot recorder	4.5 x 9.1 x 2.0	5.5	NiCd battery pack, charger, leads, clips, user's manual	1,499.95
2128294	Velleman	HPS50	40MHz	Handheld, 40MSa/s, adjustable trigger, USB output, auto setup, high resolution: 192x112	4.3 x 6.9 x 1.6	2.8	Li-Ion battery, charger, 1 test probe (x1/x10), USB cable	374.95
1536886	SKMI	SK0404	40MHz	2-Channel scope with built-in 5MHz function generator, 6" CRT display, 20Vp-p output	15.7 x 5.2 x 12.8	23.8	2 test probes (x1/x10), BNC cable, AC cord, spare fuse	549.95
1586200	Arctic	SK0409	40MHz	2-Channel scope with built-in 5MHz function generator and frequency counter	15.7 x 5.2 x 12.8	23.8	2 test probes (x1/x10), BNC cable, AC cord, spare fuse	649.95
695017	Velleman	PCSU1000	50MHz	2-Channel USB PC scope, auto setup, with spectrum analyzer/transient recorder test functions	2.2 x 8.2 x 7	2.9	Two 60MHz scope probes, USB cable, user's manual, CD software	449.95
2171655	Uniteq	DS-1065	60MHz	2-Channel, 500MSa/s, built-in delay sweep function, 320x240 pixel high-resolution 5.7" display, USB storage	11.8 x 5.9 x 5.1	8.0	2 probes, DB9 cable, USB cable, power cord, user's manual, CD software	599.95
2143401	Instek	GDS-1152A-U	150MHz	2-Channel, 1GSa/s, 2Mpoint record length	12.2 x 5.6 x 5.5	7.9	Test probe, AC cord, user's manual	934.95

Oscilloscope Probe Sets



NEW
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- Input resistance at x10 ratio: 10MΩ
- Accessories may include: tips, ground lead, hooks, protection caps, trimmer screwdriver



* Web Code: RAC



Part No.	Manufacturer	Mfr. Part No.	Bandwidth	Attenuation Ratio	Description	Length (ft.)	1	5
2130781	Velleman	PROBE60S	60MHz	1:1 or 10:1	IEC-1010 CAT II, 600V max	4.0	\$13.95	\$12.49
2145342	EZ Digital	T5060	60MHz	1:1 or 10:1	300VDC max.	4.0	17.95	16.95
22892	BenchPro	LF101E	60MHz	1:1 or 10:1	600VDC max.	5.0	24.95	22.49
2189880	BenchPro	P6100*	100MHz	1:1 or 10:1	600VDC max.	4.0	19.95	17.95
2130618	Velleman	PROBE100	100MHz	1:1 or 10:1	IEC-1010 CAT II, 600V max	4.0	20.95	18.95
2130482	Velleman	PROBE250	250MHz	1:1 or 10:1	IEC-1010 CAT II, 600V max	4.0	34.95	32.95
236777	BenchPro	HP-9250	250MHz	1:1 or 10:1	600VDC max.	5.0	39.95	35.95
2205982	Gobotronics	KSOLS101	—	—	Logic analyzer probe cable kit	1.1	5.95	5.49
2205974	Gobotronics	CAB114C40	—	—	3.5mm plug to BNC female cable	0.46	2.95	2.49
2205958	Gobotronics	GT-0019	—	—	3.5mm plug to hook clips probe	2.0	3.95	3.49

*2 probes included

*For additional products, availability and specifications visit www.Jameco.com and enter the Web Code in the product search box

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY

Order by Phone at 1-800-831-4242 or Online at www.Jameco.com

Test Equipment & Graphic Displays

80,000-Count Benchtop Digital Multimeter

This benchtop multimeter not only provides voltage and current measurements, but also basic resistance, frequency, continuity and diode test functions.



- Large dual-display LCD with analog bar graph
- 50 measurement functions including capacitance, frequency, temperature
- 18 types of frequency up to 80MHz, with 0.1%-99% duty cycle
- Simultaneous measurement: (AC+DC, AC+Hz, DC+dBm, °C+°F, etc.)
- Auto data update and refresh, auto data hold, auto peak hold • RS-232 interface
- 36-hour dynamic record: MAG, MIN, AVG, MAX-MIN, setting upper & lower limit, timing measurement
- Size: 10.2"W x 8.7"D x 3.2"H

Includes: Test leads, thermocouple and user's manual

Part No.	Mfr. Part No.	Wt. (lbs.)	Price
2145748	DM-1150B	3.1	\$349.95

20MHz & 30MHz 2-Ch Oscilloscopes

- 6" rectangular CRT with internal graticule
- High sensitivity X-Y mode
- Sensitivity: 1mV/div
- Sweep magnification (x10)
- 400V maximum input voltage



Includes: User's manual, 2 spare fuses, power cord

Part No.	Mfr. Part No.	Bandwidth	Price
2218265	OS-5020A	20MHz	\$444.95
2218273	OS-5030A	30MHz	\$524.95

17MHz Logic Probe

- Max input freq.: 17MHz
- Minimum pulse width: 30ns
- Pulse flash time: 500ms
- Audible tones for high & low
- Input impedance: 1MΩ
- Power supply protection: ±20V
- TTL threshold:
Lo = 0.8V ±0.2V, Hi = 2.3V ±0.2V
- CMOS threshold: Lo = 30% VCC, Hi = 70% VCC



Part No.	Cross Ref. No.	1	5	25
149930	LP3500	\$39.95	\$35.95	\$32.95

4, 8 & 16-Ch Logic Analyzers

- Monitor digitals signals
- Compatible with Windows, Linux, Mac OS
- 4, 8, 16 inputs/channels

Includes: Logic analyzer, flexible test lead set, micro-hook clips, USB cable and custom carrying case



Part No.	Description	Size (L" x W" x H")	Price
2217140	4-channel	1.66 x 1.66 x 0.39	\$99.95
2217131	8-channel	2.1 x 2.1 x 0.46	\$199.95
2217123	8-channel	3.6 x 3.6 x 0.59	\$399.95
2217115	16-channel	3.6 x 3.6 x 0.59	\$499.95

50,000-Count Dual Measurement Multimeter

- VFD dual display, 0.02% basic DC voltage accuracy and USB protocol connector
- 11 measurement functions



Includes: User's manual, power cord, test leads, CD software and drivers

Part No.	Mfr. Part No.	1	5
2192229	GDM-8341	\$354.95	\$335.95

108W Desktop Power Supply

- Load regulation: ±2% • Line regulation: ±5%
- Input voltage: 88 132VAC/176-264VAC @ 47-63Hz (switch selectable)
- Efficiency (typical): 81%
- Ripple & noise max.: 120mVp-p
- Front panel on/off switch and 3 color LED loading indicator
- Voltage adjustment range: 12-15VDC
- Short-circuit/overload/overvoltage/overtemperature protection
- Back panel 3-prong AC receptacle and banana plugs
- Size: 5.9"W x 5.5"D x 3.3"H • Weight: 3.3 lbs.



Part No.	Mfr. Part No.	1	10
673230	ESP-120-13.5	\$39.95	\$34.95

2.4GHz 2-Channel Frequency Counter

- 8-digit green LED display with annunciators
- Adjustable range and gate time
- Frequency ranges: 0.01Hz to 2.4GHz
- Gate time: 100 msec. to 10 sec.
- Channel A: DC coupled - 0.01Hz to 100Hz; AC coupled - 100Hz to 50MHz, sensitivity - 80mVrms, 1MΩ impedance
- Channel B: frequency range: 50MHz to 2.4GHz, sensitivity - 50mVrms, 50Ω impedance
- Size: 10.6"W x 8.5"D x 3.9"H • Weight: 3.5 lbs.



Part No.	Mfr. Part No.	1	5
1955968	DVM13MFC2U	\$149.95	\$134.95

PC-Base Oscilloscope, Logic Analyzer and Pattern Generator

- 100MHz spectrum analyzer/FTF
- 200 MSA/s logic analyzer
- 100 Mpt/s pattern generator
- 60MHz bandwidth
- 2 Gsa/s oscilloscope
- 8 logic analyzer inputs & 1 pattern generator

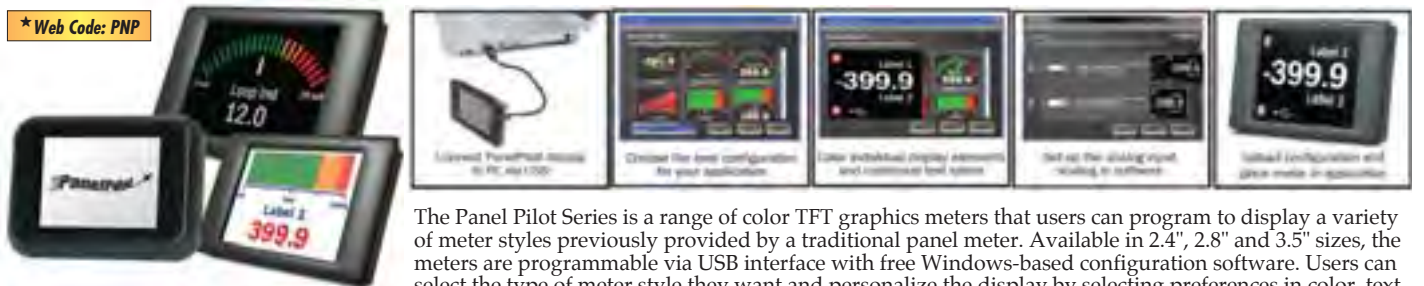


Part No.	Mfr. Part No.	1	5
2207241	MSO-19	\$249.95	\$234.95

* Frequency Counters — Enter Web Code VCG

Multi-Functional Graphics Display with Touch Screen Capabilities – Panel Pilot Series

* Web Code: PNP



The Panel Pilot Series is a range of color TFT graphics meters that users can program to display a variety of meter styles previously provided by a traditional panel meter. Available in 2.4", 2.8" and 3.5" sizes, the meters are programmable via USB interface with free Windows-based configuration software. Users can select the type of meter style they want and personalize the display by selecting preferences in color, text and voltage input scaling. Once programming is complete, the user can save all selections to the meter and computer, detach the unit and mount in their panel as they would a standard display. The unit is supplied with an ever increasing number of programmable meter styles. A NEMA 6 rated version of the 2.4" display is available for more hostile environments. 4-20mA measurement versions in all sizes also available.

Part No.	Mfr. Part No.	Description	Module Size (inch)	Connection	Supply Voltage	Measurement Range	User Interface	Price
2115354	SGD 24-M	Multi-function 2.4" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.0 x 1.9 x 0.75	Screw terminal	4-30VDC	0-40VDC	USB	\$94.95
2178275	SGD 28-M	Multi-function 2.8" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.4 x 2.3 x 0.80	Screw terminal	4-30VDC	0-40VDC	USB	\$109.95
2178267	SGD 35-M	Multi-function 3.5" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.7 x 3.0 x 0.90	Screw terminal	4-30VDC	0-40VDC	USB	\$189.95
2125149	SGD 24-M420	Multi-function 2.4" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.0 x 1.9 x 0.75	Screw terminal	4-30VDC	4-20mA	USB	\$89.95
2178283	SGD 28-M420	Multi-function 2.8" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.4 x 2.3 x 0.80	Screw terminal	4-30VDC	4-20mA	USB	\$129.95
2137924	SGD 35-M420	Multi-function 3.5" color TFT display with 3½ digit, bargraph and analog style meter styles choices	3.7 x 3.0 x 0.90	Screw terminal	4-30VDC	4-20mA	USB	\$129.95
2178291	SGD 24-M-IP	Multi-function 2.4" color TFT display NEMA 6 rated for hostile environments	3.0 x 1.9 x 0.75	Screw terminal	4-30VDC	0-40VDC	USB	\$154.95
2219292	SGD ADPT-TC	Thermocouple add-on board for PanelPilot compatible displays, supplied with K-type probe	—	—	—	-200°C-1350°C	—	\$6.95

Benchtop & Precision Power Supplies



Single Output Benchtop Power Supplies



* Web Code: SAX

- Voltage and current adjustable



Part No.	Mfr.	Mfr. Part No.	Voltage (VDC)/ Current (A)	Power (W)	Displays (Digits)	Input Voltage (VAC)	Short Circuit Protection	Overload Protection	Size (W" x H" x D")	Weight (lbs.)	Pricing	
											1	5
301920	BenchPro	HY1503C	15/3	45	2-Analog	115 ±10%	Y	N	3.8 x 6.3 x 9.1	9.0	\$99.95	\$89.95
2130378	Velleman	PS1503SBU	15/3	45	2-Digital LCD (3.5)	220 @ 50Hz	Y	N	8.4 x 6.0 x 3.8	6.7	99.95	94.95
175265	BenchPro	DPS150A	15/10	150	2-Analog	110 @ 60Hz	Y	Y	6.2 x 4.0 x 5.7	12	109.95	99.95
175257	BenchPro	SPS250A	15/15	225	2-Analog	110/220 @ 47-63Hz	Y	Y	6.2 x 4.0 x 5.6	3.8	149.95	144.95
681221	Extech	382202	18/3	54	2-Digital LCD (4)	120 @ 60 Hz	Y	Y	9.4 x 6.1 x 4.3	6.6	139.99	132.95
645600	Extech	382200	30/1	30	2-Digital LCD (4)	100/240 @ 47-63Hz	Y	Y	9.4 x 6.1 x 4.3	4.4	129.99	122.95
301971	Lascar	PSU130	30/1	30	2-Digital LCD (4)	100/240 @ 47-63Hz	Y	Y	5.5 x 1.6 x 5.2	1.2	89.95	84.95
301866	BenchPro	HY3003D	30/3	90	2-Digital LCD (4)	115 ±10%	Y	N	5.4 x 6.2 x 11.5	10	159.95	144.95
207618	Mastech	HY3005C	30/5	150	2-Analog	115 ±10%	Y	N	5.4 x 6.2 x 11.5	14	159.95	135.95
301911	BenchPro	HY3005D	30/5	150	2-Digital LCD (4)	115/230 ±10% (switchable)	Y	N	5.4 x 6.2 x 11.5	13	199.95	179.95
207635	Mastech	HY3010	30/10	300	2-Digital LED (4)	115/230 ±10% (switchable)	Y	N	10.4 x 6.5 x 14.4	31	299.95	269.95
207694	BenchPro	HY5002	50/2	100	2-Digital LED (4)	115/230 ±10% (switchable)	Y	N	5.4 x 6.2 x 11.5	13	169.95	149.95
207706	BenchPro	HY5003	50/3	150	2-Digital LED (4)	115 ±10%	Y	N	5.4 x 6.2 x 11.5	13	209.95	189.95
301938	BenchPro	HY3005	30/5	195	2-Digital LED	115/230 ±10%	Y	N	11.5 x 5.25 x 6.25	10	174.95	159.95
207600	Mastech	HY5005	50/5	250	2-Digital LED (4)	115/230 ±10% (switchable)	Y	N	10.4 x 6.5 x 14.4	17	229.95	209.95
175249	BenchPro	DPS5050	50/5	250	2-Analog	110 @ 50-60Hz	Y	Y	7.7 x 6.7 x 4.9	13.8	179.95	159.95



Multiple Output Benchtop Power Supplies

These benchtop power supplies are a must for every laboratory. They sit out of the way of your workspace and stay ready to supply power at all times. Single and multiple outputs are available for your specific laboratory needs. Standard banana input plugs provide easy connections and precision adjustment knobs provide exact power outputs for all your projects. For more information, visit www.jameco.com.

- Voltage and current adjustable

* Web Code: SAX



Part No.	Mfr.	Mfr. Part No.	Voltage (VDC)/ Current (A)	Power (W)	Input Voltage	Displays (Digits)	Short Circuit Protection	Overload Protection	Size (W" x H" x D")	Weight (lbs.)	Pricing	
											1	5
211693	BenchPro	HY3003D-2	0-30/2; 0-30/2	120	115/230 ±10%	2-Digital LED (3.5)	Y	N	10.4 x 6.5 x 14.4	23	\$209.95	\$199.95
301962	BenchPro	HY3002D-2	0-30/2; 0-30/2	120	115/230 ±10%	4-Digital LCD (3.5)	Y	N	10.4 x 6.5 x 14.4	23	224.95	199.95
301947	BenchPro	HY3003D-2	0-30/3; 0-30/3	180	115/230 ±10%	4-Digital LCD (3.5)	Y	N	10.4 x 6.5 x 14.4	28	219.95	199.95
197991	Mastech	HY5003-2	0-50/3; 0-50/3	300	115/230 ±10%	2-Digital LED (3.5)	Y	N	10.4 x 6.5 x 14.4	26	279.95	249.95
197982	Mastech	HY3005D-2	0-30/5; 0-30/5	300	115/230 ±10%	4-Digital LCD (3.5)	Y	N	10.4 x 6.5 x 14.4	26.5	309.95	279.95
1939618	Mastech	HY3003-3	0-30/3; 0-30/3; 5/3	195	115/230 ±10%	2-Digital LED (3.5)	Y	N	10.4 x 6.5 x 14.4	29	209.95	189.95
	BenchPro	HY3003D-3	0-30/3; 0-30/3; 5/3	195	115 ±10%	4-Digital LCD (3.5)	Y	N	10.4 x 6.5 x 14.4	29	299.95	269.95
	Unitech	PS-2303	0-30/3; 0-30/3; 5/3	195	110-120 @ 50-60Hz	4-Digital LED (3.5)	Y	Y	9.6 x 5.5 x 13.6	17.6	324.95	299.95
	Mastech	HY3005D-3	0-30/5; 0-30/5; 5/3	195	115/230 ±10%	4-Digital LCD (3.5)	Y	N	10.4 x 6.5 x 14.4	29	349.95	314.95
	Uniteq	PS-3303	0-30/3; 0-30/3; 5/3	195	110/220 @ 50/60Hz	4-Digital LED (3)	Y	Y	11.8 x 8.7 x 5.8	11.1	339.95	314.95
	Extech	382213	0-30/3; 5/0.5; 12/0.5	98.5	110/120 @ 50-60Hz	2-Digital LCD (3)	Y	Y	6.0 x 5.6 x 9.5	11	199.99	189.95
	Extech	382203	0-30/3; 5/0.5; 12/0.5	98.5	110/120 @ 50-60Hz	2-Analog	Y	Y	6.0 x 5.6 x 9.5	11	169.99	159.95
	Extech	382260	0-16/5; 0-27/3; 0-36/2.2	80	90-264 @ 47-63Hz	2-Digital LED (4)	Y	N	5.0 x 2.1 x 13	4.96	269.99	254.95
	Extech	382270	0-30/5; 0-30/5; 3-6/3; 8-15/1	334.5	110-127/220-240 ±10%*	4-Digital LED (4)	Y	Y	10.2 x 6.3 x 14.5	26.5	459.99	434.95

* Selectable



13.8VDC Precision Regulated Power Supply

- Heavy duty 5'8" 3-prong power cord
- Illuminated rocker switch
- Short-circuit protected
- Fuse protected
- Output mating terminals: see pg 125 for banana terminal plugs



Part No.	Manufacturer	Mfr. Part No.	Power (W)	Output Volts @ Curr.	Input Voltage	Output Terminals	Size (L" x W" x H")	Wt. (lbs.)	1	5	25
138676	BenchPro	52-192012	276	13.8VDC @ 20A	115VAC @ 60Hz	Banana terminals	10.0 x 7.8 x 4.4	15.9	\$109.95	\$94.95	\$84.95

* For additional products, availability and specifications visit www.jameco.com and enter the Web Code in the product search box



Order by Phone at 1-800-831-4242 or Online at www.jameco.com

Test Leads, Cables, Plugs, Clips & Posts

3 LEVELS OF SAVINGS
NAME BRANDS **HOUSE BRANDS** **SPECIAL BUY**

Test Leads and Cables



* Web Code: RAC



Part No.	Manufacturer	Product No.	Description	Size (L")	1	10	25
159871	Pomona	2249-C-36	BNC male to male cable, RG58C/U, 50Ω, 20 AWG, black	36	\$16.95	\$15.25	\$13.75
159880	Pomona	2249-C-60	BNC male to male cable, RG58C/U, 50Ω, 20 AWG, black	60	19.95	17.95	16.95
2113877	Pomona	3957	BNC male to Multi-Stacking banana plugs (2nd End)	1.55	16.95	14.95	13.95
176971	Pomona	4532-C-36	BNC male to Mini alligator clips w/ strain relief, RG58C/U, 50Ω, 20AWG, blk	36	20.95	18.95	17.95
11464	BenchPro	05-A-078-R	BNC male to Mini-clip test lead, RG174A/U, black	39	4.95	4.49	3.95
11422	BenchPro	05-A-081-R	BNC male to Micro-clip test lead, RG174A/U, black	39	4.95	4.49	3.95
2097150	Pomona	5187-C-36	BNC male to MiniGrabber test leads, RG58C/U 50Ω, 20 AWG, black	36	19.95	18.95	17.95
176954	Pomona	5187-K-36	BNC male to MiniGrabber test leads, RG174/U 50Ω, 26 AWG, black	36	29.95	27.95	24.95
256832	BenchPro	CBB-069	BNC female to pigtail, 20 AWG, 2 wire, 1 black, 1 red	7	5.95	4.95	4.49
2097555	BenchPro	CBB-070	BNC male to pigtail, 20 AWG, 2 wire, 1 black, 1 red	9	5.95	4.95	4.49
2113869	Pomona	3788	BNC female Minigrabber test clips (2nd end)	2.56	12.95	11.95	10.95
2158477	BenchPro	FC16A	Probes w/ right angle banana, screw on alligator clips, 1 black, 1 red	40	8.95	7.95	6.95
2211055	BenchPro	TP9238	Probes, R/A with screw on alligator clip, 24 AWG, red/black	36	7.95	6.95	6.25
212222	Probe Master	8043S	Softie test probe leads, 10-pc. set, interchangeable tips, 18 AWG, 1 blk, 1 red	48	27.95	25.95	23.95
174625	Probe Master	8150	Micro-tip test probe leads rt. angle (w/10 plunger type tips), 1 blk, 1 red	39	36.95	33.95	31.95
168516	BenchPro	GA-5010	Universal test lead kit w/ 12 interchangeable tips, 1 black, 1 red	36	9.95	8.95	7.95
2113914	Pomona	5953A	Adjustable tip test probe set, tip adjusts up to 3", 1 black, 1 red	48	26.95	24.95	23.95
155951	Pomona	5519A	Banana plug to rt. angle probe, insulated leads, 18 AWG 1 blk, 1 red	48	16.95	14.95	13.95
1814153	Pomona	1166-48-0	Multi-stacking banana plug to alligator clip, black	48	6.95	6.25	5.59
77738	BenchPro	GF19-R	Protected banana style multimeter test leads, 1 black, 1 red	40	5.95	5.49	4.95
77746	BenchPro	FC-15B-R	Standard banana style multimeter test probes, 1 black, 1 red	42	7.95	6.95	6.25
10444	BenchPro	GAL01	Alligator clip test leads, 24 AWG (19/36), 10-pc. assorted colors	21	4.95	4.49	3.95
2210239	ValuePro	GAL1016	Alligator clip test leads, 16 AWG, 2 sets, 5 colors	21	9.95	8.95	7.95
2185483	BenchPro	GAL02	Alligator clip test leads, 24 AWG, 1 black, 1 red	21	1.95	1.75	1.49
2210247	ValuePro	GAL0216	Alligator clip test leads, 16 AWG, 1 set (red/black)	21	5.95	5.39	4.75
159901	Pomona	B-24-02	Stackable banana patch cords, 18 AWG, 1 black, 1 red	24	10.95	9.95	8.95
159919	Pomona	B-36-02	Stackable banana patch cords, 18 AWG, 1 black, 1 red	36	10.95	9.95	8.95
77842	BenchPro	KLN-4-25/H-R	Stackable banana patch cords, 18 AWG, 2 ea. (blk,red,blue,white,yellow)	9.8	26.95	23.95	20.95
1814137	Pomona	1166-12-0	Alligator clip to stackable banana plug, 18 AWG, black	12	5.95	5.39	4.79
1814145	Pomona	1166-12-2	Alligator clip to stackable banana plug, 18 AWG, red	12	5.75	5.25	4.75
1814161	Pomona	1166-48-2	Alligator clip to stackable banana plug, 18 AWG, red	48	7.95	6.95	6.25
107423	BenchPro	GCA340-R	Double banana plug to alligator clip test leads, 1 black, 1 red	36	5.95	4.95	4.49
21857	BenchPro	05-A-082-R	Mini-clip to stackable banana test leads, black	39	4.95	4.49	3.95
21865	BenchPro	05-A-079-R	Mini-clip to stackable banana test leads, red	39	4.95	4.49	3.95
2189601	BenchPro	3782-36-02JVP	Mini-clip to stackable banana test leads, 1 black/ 1 red	39	6.95	6.25	5.59
159899	Pomona	3782-36-02	Mini-clip w/ stackable banana test leads, 20 AWG, 1 black, 1 red	36	13.95	12.95	11.95
135299	BenchPro	SF-207A-R	Mini-clip test leads, 26 AWG, 5 sets (blue, black, yellow, red, green)	14	10.95	9.95	8.95
156495	Pomona	5523-R	MiniGrabber™ test clip patch cord, 20 AWG 10-pc. assorted colors	24	44.95	41.95	39.95
155985	Pomona	2708B	9 slot test lead holder, accepts RG213 & RG214 wire sizes (blue)	11	13.95	12.95	11.95
155977	Pomona	4408	10 slot test lead holder, accepts RG59 & RG108 wire sizes (black)	11	12.95	11.95	10.95
155969	Pomona	1508	14 slot test lead holder, accepts RG58 & RG142 wire sizes (orange)	11	14.95	13.49	11.95



Test Clips, Plugs and Posts

Test Clips, Plugs & Posts continued on next page

* Web Code: TLC



Part No.	Manufacturer	Product No.	Description	Size (in.)	1	10	100
71240	BenchPro	GIP-003-R	Binding post, screw type, chassis mount 1 black, 1 red	1.0 L x .50 Dia.	\$1.95	\$1.75	\$1.49
77691	BenchPro	GIP-001-R	Binding post, screw type, chassis mount 1 black, 1 red	1.8 L x .50 Dia.	2.49	2.25	1.95
1818779	Pomona	3760-0	Binding post, accepts banana, wire, or spade lug, black	1.78 L x .44 Dia.	4.95	4.49	3.95
1818787	Pomona	3760-5	Binding post, accepts banana, wire, or spade lug, green	1.78 L x .44 Dia.	4.95	4.49	3.95
2127742	Pomona	3760-2	Binding post, accepts banana, wire, or spade lug, red	1.78 L x .44 Dia.	4.95	4.49	3.95
2205755	BenchPro	WTA-60R-4PK	Binding post 4-pack, chassis mount, red/black/green/yellow	1.1 L x .30 Dia.	3.95	3.59	3.29
2215443	Pomona	5935-0	Banana jack chassis mount, .079 solder tab black	.680 L x .260 Dia.	1.49	1.39	1.29
1582188	Keystone	6092	Banana jack, chassis mount, 0.182" solder tab, black	.937 L x .433 Dia.	1.95	1.75	1.49
1582170	Keystone	6091	Banana jack, chassis mount, 0.182" solder tab, red	.937 L x .433 Dia.	1.95	1.75	1.49
2168528	BenchPro	0584-BLK	Banana jack, chassis mount, solder tab, tin-plated, black	0.91 L x .43 Dia.	\$1.49	\$1.25	\$1.09



Test/Tools

Test Clips, Plugs and Posts (Continued)

NEW
MARKED IN PINK

More images on previous page

★ Web Code: TLC

Part No.	Manufacturer	Product No.	Description	Size (in.)	1	10	100
2168536	BenchPro	0584-RED	Banana jack, chassis mount, solder tab, tin-plated, red	0.91 L x .43 Dia.	\$1.49	\$1.25	\$1.09
125197	BenchPro	GBRR2-R	Screw mount double binding/banana post, black/red	1.6 L x 1.4 W	3.95	3.49	2.95
2144024	Pomona	6883	Dual binding posts with base	1.9 L x 0.17 Dia.	2.95	2.75	2.49
72195	BenchPro	GBP205-R	Set screw banana plug, 1 black, 1 red	1.6 L x .40 Dia.	1.95	1.75	1.49
137526	BenchPro	HP-2234P-R	Set screw banana plug, 1 black, 1 red	2.3 L x .30 Dia.	3.95	3.59	3.29
159855	Pomona	1325-02	Solderless stackable banana plug w/ set screw, 1 black, 1 red	1.55 L x .17 Dia.	3.95	3.59	3.29
159863	Pomona	1825-02	Solderless stackable banana plug w/ safety collar, 1 black, 1 red	4.59 L x .39 Dia.	3.95	3.59	3.29
125210	BenchPro	GBRR4-BLK-R	Solderless stackable double banana plug, w/ wire guide, black	1.59 L x 1.20 W	1.95	1.75	1.49
159927	Pomona	MDP-02	Solderless stackable dbl banana plug, w/ wire guide, red (set of 2)	1.55 L x 1.18 W	6.95	6.25	5.59
11440	BenchPro	03-701A-R	BNC female to standard double banana plug, black	2.03 L x 1.7 W	4.95	4.49	3.95
125225	BenchPro	GB2BR2	BNC male to standard double banana plug, black	2.21 L x 1.8 W	6.95	5.95	5.39
125233	BenchPro	GB1BN2	BNC female to double binding/banana posts, black	2.14 L x 1.8 W	6.95	5.95	5.39
99355	BenchPro	GB2BN2	BNC male to double binding/banana posts, black	2.35 L x 1.7 W	6.95	5.95	5.39
153163	BenchPro	SF-207-BL-R	Micro test clip, 1 blue	1.7 L	.79	.75	.69
2197783	BenchPro	XM-BLK	Micro test clip, 1 black	1.5 L	.79	.75	.65
114810	BenchPro	G2P004-R	Micro test clip, 1 red, 1 black	1.7 L	1.75	1.49	1.25
114818	BenchPro	G2P002-R	Mini test clip, 1 black, 1 red	3.5 L	2.49	2.25	1.95
2197791	BenchPro	201W36BLK	Mini grabber test clip to banana plug, 3' black	2.18 L / 1.45 L	2.95	2.59	2.29
248921	BenchPro	SF101CP-R	Mini alligator clip, solder/crimp (set of 2)	1.2 L x .30 W	.49	.45	.39
248939	BenchPro	SF-103CP-R	Mini alligator clip, solder/crimp (set of 2)	2.0 L x 0.3 Dia.	.59	.55	.45
256525	BenchPro	SF105B-R	Alligator clip, barrel/screw, 2" (set of 2)	1.6 L x .20 Dia.	.59	.55	.45
70991	BenchPro	GIP006-R	Insulated alligator clips, 1 black, 1 red	2.3 L x .50 W	.59	.55	.45
2215654	BenchPro	SLV-1.2-R	Red insulator sleeve for P/N 248921 (set of 2)	1.3 L x .30 Dia.	.35	.29	.25
2215662	BenchPro	SLV-1.2-BK	Black insulator sleeve for P/N 248921 (set of 2)	1.3 L x .30 Dia.	.35	.29	.25
248962	BenchPro	SF-103SV-BK	Black insulator sleeve for PNs 248939 & 256525 (set of 2)	2.1 L x .20 Dia.	.39	.29	.25
248972	BenchPro	SF103SV-RD-R	Red insulator sleeve for PNs 248939 & 256525 (set of 2)	2.1 L x .20 Dia.	.39	.29	.25
1581986	Keystone	5001	PCB mini test point, looped, black, 0.100ID eyelet	.30L x .09 Dia.	.29	.25	.19
2168430	Grip-On	37128	28-pc. electrical clip kit, alligatr clips and charging clips	—	6.95	6.25	5.59



JAMECO BenchPro Test Lead Starter Kit

This kit includes our top selling test leads at a reduced price.

Includes one of each:

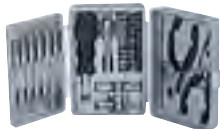
- BNC female-to-pigtail cable (P/N 256832)
- BNC male-to-pigtail cable (P/N 2097555)
- BNC male-to-alligator clip (P/N NM)
- BNC male-to-mini clip (P/N 11464)
- BNC female-to-micro clip (P/N 11422)
- Mini clip to stackable banana test leads (P/N 21857)
- Double banana plug to alligator clip test leads (P/N 107423)
- Protected probes (P/N 21865)
- Protected multimeter test leads
- Standard banana-style multimeter test leads (P/Ns 77738/77746)
- Anti-static wrist strap (P/N 34552)

★ Web Code: TLC

Part No.	Description	1	5
2113236	Test lead starter kit	\$39.95	\$36.95

JAMECO BenchPro 26-Piece SAE Hobby Tool Set

- 4-1/2" long nose pliers
- 4-1/2" diagonal cutting pliers
- #1 & #2 Phillips bits
- #1 & #2 pozi bits
- 3/16" & 1/4" slotted bits
- Hex to 1/4" driver adapter
- T-10, T-15, and T-20 Torx bits
- 3" extension bar for 1/4" drive
- 3 slotted and 3 screw driver precision set
- 3/16", 1/4", 11/32" and 3/8" sockets for 1/4" drive
- Size: 12.0"L x 9.0"W x 2.0"H
- Weight: 1.5 lbs.



Part No.	Description	1	5	25
170069	26-pc. SAE tool set	\$14.95	\$13.49	\$11.95

JAMECO BenchPro 40-Piece Electronic Tech Tool Kit

- Kit includes:
 - Wire cutters/ stripper
 - Adapter bit for sockets
 - Pocket clip screwdriver
 - 10-pc screwdriver set
 - T10-T25 reversible
 - Torx screwdriver bits
 - Potentiometer alignment tools
 - 3/16"-1/2" S.A.E. nut driver sockets
 - 6mm-12mm metric nut driver sockets
 - Slotted and Phillips screwdriver bits
 - Extra long 3-claw parts holder
 - IC inserter with pin straightener
 - IC extractor
- Size: 9.5"L x 6.8"W x 1.4"H
- Weight: 1.7 lbs.

Part No.	Description	1	5	25
119183	40-piece tool kit	\$24.95	\$22.49	\$19.95

JAMECO BenchPro 51-Piece Tech Tool Kit

- Kit includes:
 - Storage box
 - 4 pliers
 - Tweezers
 - Scissors
 - 7-piece hex key set
 - PVC insulated tape
 - 10-piece screwdriver set
 - Utility knife (3 blades)
 - 2 Needle files
 - 3-piece soldering aid kit
 - Desoldering pump
 - 6-piece electronic screwdriver set
 - Soldering iron with stand and sponge
- Case features removable pallets, a combination lock and a cushioned black plastic handle
- Size: 12.5"L x 17.5"W x 3.5"H
- Weight: 12.2 lbs.

Part No.	Description	1	5
26681	51-piece tool kit	\$119.95	\$109.95

65-Piece Master Electronics Tool Kit

Simply every tool needed for field repair or installation, all in a handsome lockable case with room for spare parts or special equipment.

- Kit includes:
 - 7 pliers
 - Wrench
 - 3-piece soldering aid kit
 - Soldering iron with stand and sponge
 - 10-piece screwdriver set
 - Crimping tool
 - 6-piece screwdriver set
 - Testing screwdriver
 - IC extractor
 - 6-piece wrench set
 - 3-prong holder
 - Measuring tape
 - Solder core
 - Utility knife (3 blades)
 - Storage box
 - 3-piece soldering aid kit
 - Desolder iron with stand and sponge
 - Brush
 - Oil can
 - Desolder wick
 - Desolder pump
 - 5-piece file set
 - Alignment tool
 - 7-piece hex set
 - Hammer
 - Tweezers
 - Heat sink
 - Scissors
 - PVC insulated tape
 - Part tube
- Carrying case has two removable pallets, adjustable compartments, and combination locks
- Size: 18.0"W x 13.0"D x 4.0"H
- Weight: 16.9 lbs.

Part No.	Description	1	5
218245	65-piece tool kit	\$179.95	\$169.95

★ Tool Kits — Enter Web Code CAA

JAMECO BenchPro Aluminum Tool Case

Made of lightweight aluminum, this tool case is designed to take rough field use.

- Size: 19.0"L x 14.0"W x 6.0"H
- Includes: Tool pallet, egg carton foam lid and 2.5" thick pre-cut foam bottom

Part No.	Description	1	5
261877	Tool/equipment case	\$49.95	\$44.95

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JAMECO BenchPro 100-Piece Professional Electronics Tool Kit

- Kit includes:
 - Soldering iron
 - 12 screwdrivers
 - 7-piece hex key set
 - Extractor
 - 4 Pliers
 - Adjustable wrench
 - Crimper/Stripper
 - 6-piece screwdriver set
 - 3-piece soldering aid kit
 - Flashlight
 - Desoldering pump
 - Multimeter
 - Tweezers
 - 5-piece file set
 - 10-piece wrench set
 - Voltage tester
 - 2 bottles cleaning liquid
 - Blade cutters
 - Cordless screwdriver kit (bits included)
- Aluminum case features removable pallets, surface-type locks, and black plastic handle
- Size: 18.0"L x 14.0"W x 6.0"H • Weight: 20 lbs.



Part No.	Description	1	5
242851	100-piece tool kit	\$149.95	\$134.95

12-Piece Fiber Optic Tool Kit

- Kit includes:
 - SC polishing disk
 - Fiber optic crimping tool
 - Fiber optical tools
 - Foam swabs cleaning kit
 - Utility component storage box
 - Fiber optic 100x-200x viewing scope kit
 - Universal syringe 2.5mL
 - Size: 11.0"L x 7.8"W x 2.8"D
- ST polishing disk
- Side cutter 125mm
- Carbide fiber scribe
- Carrying zipper bag
- Fiber optic kevlar cutter



Part No.	Description	Weight	Price
2193491	Fiber optic tool kit	3.5 lbs.	\$169.95

JAMECO BenchPro 116-Piece Tech Service Tool Kit

- Kit includes:
 - Storage box
 - 8 pliers
 - Spring hook
 - 3-piece soldering aid kit
 - Desoldering pump
 - 3-piece alignment tool set
 - Diagonal cutter
 - Soldering iron
 - Forceps
 - 9-piece screwdriver set
 - Wire stripper
 - 5-piece file set
 - Flashlight
 - 3-prong holder
 - PVC insulated tape
 - Heat sink
 - Measuring tape
 - 6-piece electronic screwdriver set
 - 40-piece socket & screwdriver set
 - 10-piece electronic wrench set
- Size: 18.5"L x 13.8"W x 6.7"H • Weight: 22.8 lbs.



Part No.	Description	1	5
149024	116-piece tool kit	\$295.95	\$269.95

JAMECO BenchPro 95-Piece Pro-Tech Tool Kit

- Kit includes:
 - Navy blue storage box
 - 7-piece hex key set
 - 5-piece needle file set
 - 10-piece wrench set
 - 8 different pliers
 - 6-piece precision screwdriver set
 - 29-pc. socket wrench set
 - Wire stripper/crimper
 - Cushion grip screwdrivers
 - Hammer
 - Inspecting mirror
 - Tape measure
 - Digital multimeter
 - Lead-free solder core
 - Desolder pump
 - 6" chrome-plated wrench
 - Stainless steel tweezer
 - Plastic flip-top box
 - 30W soldering iron
 - Cleaning brushes
 - Aluminum flashlight
 - Mini drill with drill bits
 - Mini hobby vise
 - Elastic wrist strap
 - IC extractor
 - Electrical tape
- Size: 18.4"L x 13.4"W x 6.4"H



Part No.	Description	Weight	Price
2153756	95-piece tool kit	20.6 lbs.	\$174.95

JAMECO BenchPro 119-Piece Chrome Vanadium Tool Kit

- Kit Includes:
 - 13-piece combination wrench set
 - 52-piece socket tool set
 - 2 adjustable wrenches 6" and 8"
 - 7-piece nut screwdriver set
 - 8-piece (SAE), 8-piece (Metric) hex-key set
 - 5-piece torx screwdriver set
 - 8-piece screwdriver set
 - 1 water pump plier
 - 2 lock grip pliers 5" and 7"
 - 1 combination leveler
 - Sockets and wrenches are chrome vanadium plated
 - High resistant aluminum case
 - Size: 19.3"L x 14.6"W x 6.5"D • Weight: 31.2 lbs.
- 6-pliers
- 1 wire stripper
- 6" tape measure
- 2 pliers off set
- 1 claw hammer



Part No.	Description	Price
2129941	119-piece tool kit	\$149.95

JAMECO BenchPro Variable High-Speed Drill Rotary Tool Kit

- Speed: 6000~32000rpm
- Motor power: 130W
- Collet capacity: 3.2mm
- 28 pcs. sanding/grinding bit set
- Case included, 2.2 lbs. • Variable speed selector



Part No.	Description	1	5
2118977	Variable rotary tool kit	\$29.95	\$26.95

H Nibbling Tool

- Perfect for cutting, trimming, or notching sheet metal up to 18 AWG
- Time-saver when working on prototyping, chassis, and circuit boards
- Minimum 0.375" hole required • Size: 7.8"L



Part No.	Mfr. Part No.	Description	1	10
18810	HT204	Nibbling tool	\$7.95	\$6.95
29331	HT204B	Replacement bit	3.95	3.59

*Tool Kits — Enter Web Code CAA

JAMECO BenchPro 16-Piece Repair Tool Kit for Apple Products

Specially made for Apple product repairs.



In Use

- High-quality steel screwdriver bits
- Lever and pry paddles for scratch-free opening
- Miniature suction cup for touch screens
- Also works on cell phones and small electronic devices

Part No.	Mfr. Part No.	1	5
2196887	SD-9314	\$14.95	\$13.49

JAMECO BenchPro Automatic Center-Punch Tool

- Adjustable • Alloy steel point
- Precision instrument
- Knurled steel body • Size: 5.0"L x 0.5"Dia.



Part No.	Description	1	5
160282	Center punch tool	\$7.95	\$6.95

JAMECO BenchPro 5-Piece Needle File Set

- Round, square, tri-square, half-round, flat
- Made of heavy duty hardened steel
- Color: black with red handle • Each 7" long



Part No.	Description	1	5	25
2157589	5-piece file set	\$4.95	\$4.49	\$3.95

JAMECO BenchPro Pocket Screwdriver

- Phillips & Flat head • *Web Code: CAQ
- Pen clip for pocket storage



Part No.	Description	1	10	100
127271	6"L pocket screwdriver	\$1.95	\$1.59	\$1.39

JAMECO BenchPro Pocket Deburring Tool

- Easily smooth out sharp-edged holes
- Swivel movement
- Pocket clip • Size: 5.5"L



Part No.	Description	1	5	25
2157597	Pocket deburring tool	\$5.95	\$5.49	\$4.95

JAMECO BenchPro Precision Cutting Knife

- Ultra sharp cutting blades
- Precise blade with protective cover



Part No.	Length	1	5	25
2157571	6.0"L	\$3.59	\$3.25	\$2.95

JAMECO BenchPro Deluxe Precision Knife Set

- Three different knife handles – fine work, medium and heavy duty power grip
- Size: 6.3"L x 2.8"W x 1.4"H
- Includes: 13 types of blades



Part No.	Description	1	10	100
72768	13 blade knife set	\$8.95	\$7.95	\$6.95

Crimpers, Strippers, Cutters & Miscellaneous Tools

Xcelite

JAMECO
BenchPro



Wire Cutters/Strippers/Crimpers

EXIMCORP



*Web Code: GBU



Part No.	Manufacturer	Mfr. P/N	Description	Functions			Size (L" x W")	Pricing	
				Cut	Strip	Crimp		1	5
179902	BenchPro	GPL-171	4" leaf spring cutters w/ flush side cutting, forged steel, cushion grip	✓			4.0 x 2.6	\$3.95	\$3.59
34622	Eximcorp	ES2494	4.5" spring loaded diagonal flush cutters, heat treated forged steel, insulated handle	✓			4.5 x 2.6	3.95	3.49
2123320	BenchPro	GPL-101	4.5" spring return cutters w/ flush side cutting, carbon steel, vinyl grip	✓			4.5 x 2.6	4.95	4.49
35482	BenchPro	AX103	4.3" Diagonal wire cutters, rubber handles, 0.5" cutting blade, 45° angle	✓			4.3 x 2.1	6.95	5.95
146712	Xcelite	170M	5" general purpose shear cutters, flush cutting, red cushioned grips	✓			5.0 x 2.5	8.95	7.95
2188051	Xcelite	170D	5" general purpose shear cutter with static-dissipative black grips, up to 20AWG	✓			5.6 x 2.7	9.95	8.95
2188060	Xcelite	1178M	5.6" heavy-duty shear cutters, for IC pins, cables and harnesses, up to 14AWG, red grips	✓			5.6 x 2.7	13.95	12.95
161411	Pro's Kit	1PK-717	5" Diagonal wire cutters, insulated handles, cuts 0.08mm fine wire	✓			5.0 x 1.8	8.95	7.95
146739	Xcelite	MS54V	4" semi-flush oval head cutters, diagonal cut, green cushioned grips	✓			4.2 x 1.8	19.95	17.95
217921	Xcelite	MS54J	4" oval head-flush diagonal cutters, flush cut, green cushioned grips	✓			4.3 x 1.8	19.95	17.95
1536974	Xcelite	S475NJS	5" tapered head diagonal cutters, flush cut, green cushioned grips	✓			5.0 x 2.5	19.95	17.95
217904	Xcelite	MS549JV	4" tapered head diagonal cutters, flush cut, green cushioned grips	✓			4.2 x 1.8	19.95	17.95
217867	Xcelite	MS545JV	4" slim line tapered head cutters, diagonal flush cut, green cushioned grips	✓			4.2 x 1.9	19.95	17.95
2112292	BenchPro	TTK-061	UTP/STP wire stripper, 3-24 AWG, shielded/unshielded/twisted pair cable		✓		3.5 x 1.3	1.95	1.49
159185	Hanlong	HT-332D	2-blade rotary coax cable strippers, 4 settings for cable sizes 4-12mm		✓		3.9 x 0.7	12.95	11.95
114535	Hanlong	HT-336G	Ratcheted BNC crimping, for RG58, RG59, RG62, RG174, and fiber optic			✓	8.5 x 2.5	22.95	20.95
78992	Hanlong	HT-108	5" cutter/strippers, 10-30 AWG, spring return, screw-adjustable wire gauge	✓	✓		5.0 x 3.0	4.95	4.49
215889	BenchPro	JE-2022C	5" cutter/strippers, 10-24 AWG, spring return, dial to adjust wire gauge	✓	✓		5.0 x 3.0	4.95	4.49
159274	Hanlong	HT-1091	5" cutter/strippers, 20-24 AWG, spring-loaded, insulated grips, 45° angle	✓	✓		5.0 x 3.0	4.95	4.49
2112284	BenchPro	GTA-002	Automatic wire strippers, 10-24 AWG, spring-loaded handle w/ wire stopper	✓	✓		6.8 x 3.2	8.95	7.95
159291	Hanlong	HT-5023	6.6" cutter/strippers, 20-30 AWG, cuts steel wire, scale markings in AWG/mm	✓	✓		6.6 x 2.0	9.95	8.95
99443	Hanlong	HT-202A	Non-insulated terminal crimper, for D-sub and non-insulated connectors	✓		✓	7.3 x 1.5	9.95	8.95
159266	Hanlong	HT-213	D-sub crimper, crimps D-sub pins and sockets, works with 20-28 AWG wire	✓		✓	7.0 x 4.0	12.95	11.95
2196879	Pro's Kit	200-080	2-in-1 cutter/stripper tool, 14-26 AWG, hardened stainless steel blades	✓	✓		5.0 x 3.0	14.95	13.95
161200	Ideal	45-120	6" cutter/strippers, strips 12-20 AWG stranded, 10-18 AWG solid, plier nose	✓	✓		6.0 x 2.0	17.95	15.95
161218	Ideal	45-121	6" cutter/strippers, strips 16-26 AWG stranded, 14-24 AWG solid, plier nose	✓	✓		6.0 x 2.0	19.95	17.95
175098	BenchPro	GTA-006H	Automatic strippers, 8-22 AWG, spring-loaded handle with wire stopper	✓	✓		7.0 x 3.5	16.95	14.95
18797	Hanlong	HT-1041	7-in-1 wire-handling tool, 10-18 AWG, steel wire cutter, wire loop, red	✓	✓	✓	6.6 x 3.0	6.95	6.25
127862	Hanlong	HT-1042	7-in-1 wire-handling tool, 16-26 AWG, steel wire cutter, wire loop, blue	✓	✓	✓	6.6 x 3.0	6.95	5.95
127871	Hanlong	HT-1043	7-in-1 wire-handling tool, 22-30 AWG, steel wire cutter, wire loop, orange	✓	✓	✓	6.6 x 3.0	6.95	5.95
2153078	BenchPro	GRK-42N	8.5" cutter/crimper/stripper, ergonomic grip, 10-22 AWG, wire gauge markings	✓	✓	✓	8.5 x 3.0	7.95	6.95
2192376	BenchPro	HT-N5684	7.5" modular crimping tool, 8P8C/RJ45, 6P6C/RJ12, 6P4C/RJ11, 4P4C and 4P2C	✓	✓	✓	7.5 x 3.0	16.95	14.95
159312	Hanlong	HT-568R	Ratcheted modular connector crimper, RJ45 (8P8C) and RJ11/12 (6P6C) plugs	✓	✓	✓	7.5 x 3.0	19.95	17.95
174676	BenchPro	TTK-070	Modular crimping tool, for RJ11 and RJ45 modular plugs, repeatable crimping	✓	✓	✓	8.5 x 2.2	24.95	23.49

Erem® High-Precision Cutters

100% guaranteed against defects!

- Internal Magic Springs for constant "fatigue-free" operation for over 1 million openings
- High-Precision Inter-lock Screw Joint System for smooth, wobble-free operation
- The finest ESD-safe cushion grips for superior comfort and protection
- Compacted Eremadium® steel implanting extra strength to the tool
- Re-sharpenable razor edges
- Swiss-made



2192350

Part No.	Mfr. P/N	Description	1	5
2192350	776E	4.25" super full flush cut	\$79.95	72.95
2192368	622N	4.50" full flush cut	59.95	53.95

molex Hand Tools for Mini-Fit™ Jr.



304928



304936

- 304928:**
 - Accepts wire range from 14-24 AWG
 - Insulated small handle spread design
 - Great for open-barrel terminals
- 304936:**
 - For the removal of Mini-Fit Jr™ crimped terminals series from their housings

Part No.	Mfr. Part No.	Description	1	5
304928	63811-1000	Crimp tool	\$49.95	\$44.95
304936	11-03-0044	Extraction tool	21.95	19.95

*Crimping Tools — Enter Web Code GBU

Protest 34-Piece Security Bit Set

These bits match the security fasteners commonly used in today's electronic products.

- Includes:** Torx bits: #6, #8 and #10; Tri-wing bits: #1, #2, #3 and #4; Security hex bits: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16" and 1/4"; Security Torx bits: T8, T10, T15, T20, T25, T27, T30, T35 and T40; Spanner bits: 4, 6, 8 and 10mm; Phillips bits: #1, #2, #3 and #4; and 60mm magnetic bit extension that fits 1/4" hex driver



Part No.	Description	1	10
223829	32-piece security bit set	\$13.95	\$12.95

*For additional products, availability and specifications visit Jameco.com and enter the Web Code in the product search box



Order by Phone at 1-800-831-4242 or Online at www.Jameco.com

Pliers, Cutters, Drill Bits, Mini-Drill & Stand

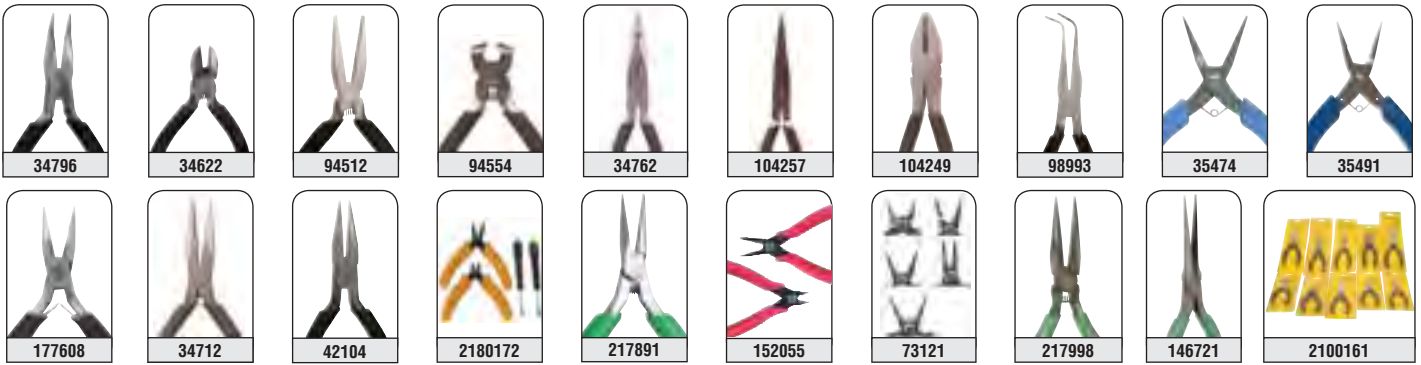
3 LEVELS OF SAVINGS
NAME BRANDS **HOUSE BRANDS** **SPECIAL BUY**

Xcelite[®] EXIMCORP

JAMECO BenchPro

Pliers

* Web Code: XPC



Part No.	Manufacturer	Mfr. Part No.	Description	Length	1	5
34796	Eximcorp	BN2497	Bent oval nose pliers with serrated jaws, forged steel, heat-treated, insulated grips *	4.5"	\$3.95	\$3.59
34622	Eximcorp	ES2494	Diagonal tapered spring loaded cutters, heat treated forged steel, insulated handle	4.5"	3.95	3.49
94512	Eximcorp	SN2468	Standard square nose pliers with serrated jaws, forged steel, heat-treated, insulated grips *	5.5"	3.95	3.59
94554	Eximcorp	NP2491	Standard nipper nose pliers, spring-loaded, forged steel, heat-treated, insulated grips *	4.25"	3.95	3.59
34762	Eximcorp	BNC2493	Standard bent oval nose pliers with cutters, serrated jaws, forged steel, heat-treated, insulated grips *	7.0"	3.95	3.59
104257	Eximcorp	SP2460	Sportman's straight square pliers, forged steel, heat-treated, insulated grips *	8.0"	3.95	3.59
104249	Eximcorp	EP2488	Electrician's pliers with cutters, serrated jaws, forged steel, heat-treated, insulated grips *	8.25"	4.95	4.49
98993	Eximcorp	SBP2459	Sportman's square bent pliers, forged steel, heat-treated, insulated grips *	7.5"	4.95	4.49
35474	BenchPro	GPL-204-R	Flat long nose, stainless steel, spring return, durable rubber handles, knurled jaws	5.3"	5.95	5.39
35491	BenchPro	AX104-R	Half round long nose, stainless steel, spring return, durable rubber handles, knurled jaws	5.3"	5.95	5.39
177608	BenchPro	GPL-172	Half round long nose, drop forged steel, heat treated, spring return, vinyl grips, knurled jaws	4.5"	4.95	4.49
34712	Eximcorp	NNC2480	Needle oval nose pliers with cutters and serrated jaws, forged steel, heat-treated, insulated grips *	5.25"	5.95	5.39
42104	Eximcorp	SN2481	Needle flat nose pliers with serrated jaws, forged steel, heat-treated, insulated grips *	5.25"	5.95	5.39
2180172	BenchPro	MP-810	4-pc. tool set (side cutter, long-nose plier, flathead & philips screwdrivers), high grade carbon steel	5"-6"	11.95	10.95
217891	Xcelite	L4V	Subminiature needle nose pliers, cushioned grips, general purpose use	4.0"	19.95	17.95
152055	Xcelite	S2K	Shearcutter pliers set with 5.6" needle nose plier and 5.2" electronic flush cutter, made of carbon steel	5.6" / 5.2"	19.95	17.95
73121	BenchPro	PLIERS 5PC-R	5-Piece precision stainless steel pliers set (micro cutting, micro round, long nose, flat nose, bent nose)	4.0"	19.95	17.95
217998	Xcelite	LN54GV	Thin long nose pliers with cushioned grips, smooth jaws, general purpose use	5.0"	19.95	17.95
146721	Xcelite	NN776V	Long needle nose flat pliers with cushioned grips, smooth jaws, general purpose use	5.0"	22.95	20.95
2100161	Eximcorp	EXIM10	10-piece pliers & cutters tool kit w/ the pliers marked above with an *	4.25-8"	29.95	26.95

Hi-Speed Steel Step Drill Bit & Set

Drill multiple holes in thin material with the same bit, faster and easier. Each bit does the work of many drill bit sizes. You can drill holes in most materials such as plastic, metal and wood up to 1/8" thick.

- Heat-treated, high speed steel with titanium coating
- 2 flute design for faster, smoother and cleaner cuts



229657: • 3/8" round shank
 2169731: • 1/4" quick change hex shank

- Includes 3 pieces: 3/16" - 1/2" 6-step; 1/4" - 3/4" 9-step; 1/8" - 1/2" 13-step

Part No.	Description	1	10
229657	3/16" - 7/8" 13-step	\$14.95	\$13.49
2169731	3-piece set	16.95	14.95

* Drills and Bits — Enter Web Code NEJ

PC Board Drill Bits

- Shaft diameter: 0.125"
- Use for drilling holes in glass PC boards

Part No.	Size	Diameter	1	10	100
1919537	1/8	0.125"	\$1.25	\$1.09	\$.75
1919588	31	0.120"	1.25	1.09	.75
1919300	32	0.116"	1.25	1.09	.75
1919609	33	0.113"	1.25	1.09	.75
1919553	35	0.110"	1.25	1.09	.75
1919570	38	0.102"	1.25	1.09	.75
16580	59	0.040"	2.49	2.25	1.95
16619	75	0.021"	2.49	2.25	1.95

#60 Drill Bit Box Kit

- 50 pcs of #60 drill bits
- With ring protector

Includes: Storage box

Part No.	Mfr. Part No.	1	5
2208260	SD14R.0225	\$29.95	\$26.95

Mini-Drill and Stand

This Mini-Drill is excellent for drilling through circuit boards and protoboards. The drill comes with an array of drilling, grinding and sanding attachments. Drill stand is designed to function like a drill press.



Part No.	Description	Wt. (lbs.)	1	5	25
26702	GTT-103A drill	0.8	\$37.95	\$34.95	\$31.95
26711	GTT-104 stand	1.8	27.95	25.95	23.95

Mini-Drill Bit Kit

- Mini drill (26702)
- Mini drill stand (26711)
- Drill bit sizes 75 & 59 (P/Ns 16619/16580)



Part No.	Description	Price
2113252	Mini-drill bit kit	\$59.95

Cordless Drill Kit

- Dual angle cordless power screwdriver and drill
- No load speed: 200 RPM
- Size: 10.7"L x 1.6"Dia.



Part No.	Mfr. Part No.	1	10
2208711	GTT-275A	\$26.95	\$24.95

20-PIECE DRILL BIT GRAB BAG

Includes diameters: 0.125", 0.120", 0.116", 0.113", 0.110", 0.102", 0.040" and 0.021" Net. Weight: 4.80 oz. (0.27 lbs.)

Part No.	Mfr. Part No.	Price
2082038	GB202	\$19.95

ONLY \$19.95

See page 31



Screwdrivers, Calipers & Miscellaneous Tools



JAMECO BenchPro

Ball-End, Hex Key, Nut Driver & Screwdriver Sets

Bondhus/Felo Products: Inferior tools cost extra money when something goes wrong. The cost of removing a stripped or broken screw head from a tight location or replacing a damaged tool exceeds the cost of purchasing a superior tool in the first place. Get it right the first time around with these reliable tools.

- Material: Protanium high torque steel
- Ergonomically designed anti-roll handle
- Bondhus: Made in USA; Felo: Made in Germany
- Ball-end inserts quickly into screw head up to 25 degrees
- Delivers perfect balance between tip strength and working angle
- Lifetime warranty

* Web Code: CAQ

Part No.	Mfr.	Description	1	10
34041	BenchPro	6-pc. precision screwdriver set (slotted - 3/64", 1/16", 5/64", 5/32", 1/8", 9/64")	\$3.95	\$3.59
34059	BenchPro	6-pc. precision screwdriver set (Phillips #0 - 1/16", 5/64", 3/32", #1 - 1/8", 9/64")	3.59	3.25
99451	BenchPro	6-pc. long neck screwdriver set (slotted - (Dia. x L) 3/32" x 6 5/8", 1/8" x 7 5/8", 5/32" x 9 5/8"; Phillips - #00 x 6 5/8"L, #0 x 7 5/8"L, #1 x 9 5/8")	11.95	10.95
168735	Xcelite	XP600 6-pc ESD-safe screwdriver set, slotted & philips, vanadium steel w/ black oxide tips and case	27.95	24.95
226106	BenchPro	6-pc. precision 50 mm torx screwdriver set (Torx - T5, T6, torx hex - T7, T8, T9, T10)	12.95	11.95
2204218	Xcelite	XPTX600 6-pc ESD-safe Torx screwdriver set, vanadium steel w/ black oxide tips and storage case	32.95	29.95
2096229	Felo	6-pc. screwdriver set (slotted - 9/64"; 5/32"; 7/32"; 1/4"; Phillips - #1; #2)	36.95	33.95
2204226	Xcelite	NPND600 6-pc ESD-safe precision nutdriver set, vanadium steel, 7/64", 1/8", 9/64", 5/32", 3/16", 7/32"	32.95	29.95
2119005	BenchPro	8-pc. ratcheting screwdriver bit set (3-slotted, 3 philips, 1 square)	1.49	1.25
2157634	BenchPro	8-pc. folding hex wrench set, compact foldable design, 4" long	4.95	4.49
226094	BenchPro	11-pc. magnetic AWL prec. screwdriver set (slotted - .9, 1.2, 1.4, 1.8, 2.4, 3 mm, Phillips - #00, #0, #1)	3.95	2.95
2096173	Bondhus	12-pc. ball-end hex key set (.05"; 1/16"; 5/64"; 3/32"; 7/64"; 1/8"; 9/64"; 5/32"; 3/16"; 7/32"; 1/4"; 5/16")	13.95	12.49
2153060	BenchPro	14-pc. mini screwdriver set with leather pouch and 12 flathead, philips, and Torx bits	10.95	9.95
2153086	BenchPro	28-pc. set with multiple philips/slotted/torx/hex bits and adapters	15.95	14.95



30 AWG Wire Wrap/Strip Tool

Recommended for use on 0.025" (0.63mm) square posts on 0.100" (2.54mm) center grids. The first 1-1/2 loop on the modified tool has wire insulation.

- Modified wrap for 30 gauge Kynar wire (pg 43)
- Knurled handle for easy grip • 5" long
- Wire stripper stored in handle

Part No.	Description	1	5
2150361	Modified wrap tool	\$19.95	\$17.95



Strip-Wrap-Unwrap Tools

- Tool tip made of tempered steel
- Spring steel cutter
- Use with 30 AWG wire on .025" square posts
- No solder necessary, see pg 43 for wire
- Wrap 1 to 2 turns of insulated portion of wire for secure connections • 4.5" long

Part No.	Mfr.	Part No.	1	5
34585	HSM30 (Modified)	\$29.95	\$27.95
236785	HSR30 (Regular)	29.95	27.95



Metal Dial Caliper

Measures in inches

- Measures outside, inside & depth
- Accurate measurements every time
- Easy-to-read dial gauge
- Materials: metal • Color: silver
- Length: 6" (150mm)

Includes: Fitted plastic storage case

Part No.	Description (min. reading)	1	5
116126	Inches (.001 inch)	\$21.95	\$19.95



1/4-Watt & 1/2-Watt Resistor & Capacitor Lead Forming Tool

- Watt size indicates appropriate package size
- Bends lead length in 0.05" increments
- Lead spacing: 1/4W: 0.4"-1.5"; 1/2W: 0.5"-1.5"

Part No.	Description	Size (L" x W")	1	10
106884	1/4W & 1/2W	5.4 x 1.5	\$4.95	\$4.49



IC Pin Straightener

Straighten bent pins safely and easily with Jameco's IC pin straightener.

- Straightens 8/14/16/18/20/24/28/40/42-pin ICs
- Material: durable plastic • Size: 3.3"L x 1.5"W x 0.4"H

Includes: Ground terminal

Part No.	Description	1	10	100
99363	IC straightener	\$7.95	\$6.95	\$5.95



Digital Display Calipers

Metric and Inches

- Hardened stainless steel
- Display: inches to 0.001; mm to 0.01
- Instructions for making internal, external, depth & step measurements
- One-year warranty

Includes: Fitted case and 1.5V silver oxide battery (replacement battery, P/N 140783, pg 115)

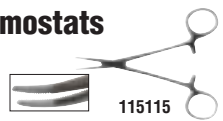
Part No.	Description	1	5
127482	Measures 6" (150mm)	\$29.95	\$26.95
2175251	Measures 6" (150mm)	32.95	29.95
2153545	Measures 8" (203mm)	34.95	31.95



5" Steel Hemostats

- Grade 410 A.I.S.I. stainless steel
- Three locking positions

Part No.	Cross Ref. No.	Description	1	10
115107	HEM01	5" straight	\$3.95	\$2.95
115115	HEM02	5" curved	3.95	2.95



6" & 12" Stainless Steel Rulers

Tough and durable for on-site measurements

- Etched markings in centimeters and inches
- Conversion table from inches to millimeters

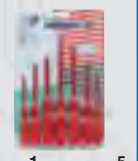
Part No.	Cross Ref. No.	Length	1	10	100
2153107	GMT-106	6"	\$3.95	\$3.59	\$3.25
2153131	GMT-112	12"	5.95	4.95	4.49



7-PIECE INSULATED SCREWDRIVER SET

- Hardened magnetic tips
- Tapered handle for sure grip
- Includes: Phillips #0 x 75, #1 x 100, #2 x 100 slotted; 0.4 x 2.5 x 85, 0.8 x 0.4 x 100, 1.0 x 5.5 x 125, 1.2 x 6.5 x 150

Part No.	Description	1	5
261999	GSD-072	\$12.95	\$11.49



T-Handle Reamer Tool

Excellent for aluminum chassis work

- For enlarging starter holes on panel mount components from 1/8" to 1/2" diameter
- T-handle for easy rotation of tool
- Handle: 3.3" long, tool: 5.3" long

Part No.	Description	1	10
151750	T-handle reamer	\$7.95	\$6.95



Tweezers

252929: Straight round, fine-point tip, stainless steel
253092: Curved fine-point tip
252938: Self-closing reverse-action tweezers; medium point tip; stainless steel
253113: Fine-point tip, insulated, anti-static
252912: Straight fine-point tip, tapered

Part No.	Length	Photo	1	10	25
252929	4.75"	1	\$2.95	\$2.49	\$1.95
253092	4.6"	2	2.95	2.49	1.95
252938	4.6"	3	3.95	3.59	3.25
253113	4.75"	4	2.95	2.49	1.95
252912	4.75"	5	3.95	3.59	3.25



* For additional products, availability and specifications visit Jameco.com and enter the Web Code in the product search box

3 LEVELS OF SAVINGS
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Tweezers, Magnifying Lamps & Anti-Static Products

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY

JAMECO BenchPro 4-Piece Steel Tweezer Set



- 4 styles of stainless steel tweezers, one self-locking

Part No.	Description	1	10	100
10735	4-piece tweezer set	\$5.95	\$5.49	\$4.95

Anti-Static Heel Strap

- Discharges static without restricting your mobility
- Ground strap length: 24"L



Part No.	Description	1	10	25
2204437	Strap w/ 1MΩ resistor	\$5.95	\$5.49	\$4.95

JAMECO BenchPro Anti-Static Work Mats

These mats are made of attractive semi-conductive vinyl that provide adequate discharging yet will not short leads or pins.



Part No.	Dimensions	Wt. (lbs.)	1	10	25
10576	11.3" x 22"	0.7	\$9.95	\$8.95	\$7.95
10584	19.5" x 23.5"	1.1	\$13.95	\$12.49	\$10.95
2130853	19.7" x 23.6"	1.1	\$14.95	\$13.95	\$12.95
236541	23.5" x 27.5"	1.4	\$24.95	\$22.49	\$19.95
2152075	24" x 48"	3.9	\$69.95	\$64.95	\$59.95

*Anti-Static — Enter Web Code XAA

JAMECO BenchPro Field Service Static Kit

- 4 pocket for ESD safe storage
- 10' ground strap and 6' wrist strap share on one ground point
- Size: 2' x 2.13'



Part No.	Cross Ref. No.	1	5	25
2113720	8PK-AS07-1	\$15.95	\$14.95	\$13.95

22"L Anti-Static Plastic DIP IC Storage Rails & Rubber Rail Stops

- 29524 (ICs not included)
 - 29516: .300" rail fits 8, 14, 16, 18, 20 and 22-pin ICs
 - 29524: .600" rail fits 24, 28, 36 and 40-pin ICs
 - 29583: Rubber stops used to plug plastic rail ends
- Note: previously used

Part No.	Product No.	Description	1	10	100
29516	RIC20	.300"W rail	\$2.29	\$2.25	\$2.22
29524	RIC220	.600"W rail	.29	.25	.22
29583	RRS	Rubber stop	.09	.09	.07

*Web Code: DAW

JAMECO BenchPro PLCC & DIP IC Extractors



Part No.	Manufacturer	Description	1	10	100
16838	BenchPro	DIP	\$1.95	\$1.75	\$1.49
2157600	BenchPro	3-prong	3.95	3.59	3.25
2173175	BenchPro	PLCC	3.49	2.95	2.49
16766	Velleman	PLCC	3.95	3.49	2.95

JAMECO BenchPro Magnifying Lamps

For anyone working with precision assembly, inspection or design, these magnifying lamps are essential for the workbench. Whether with incandescent or LED light, our selection will have you choose what best suits your needs to help reduce eye strain and vision fatigue. Easily view the smaller details today!



Part No.	Dioptr	Lamp Size	Length	Shape	Type	# of Bulbs	Watts	Color	Wt. (lbs.)	1	5
22710	3	4"Diameter	30"	Circular	INC	1	60	Beige	2.9	\$26.95	\$23.59
2210618	3	5"Diameter	39"	Circular	LED	90	5.4	White	5.6	84.95	79.95
100829	3	5"Diameter	45"	Circular	INC	1	22	Black	7.3	59.95	54.95
149981	3	5"Diameter	45"	Circular	INC	1	22	White	7.3	59.95	54.95
2120330	3	7"Diameter	30"	Circular	LED	4	3.4	White	21	129.95	116.95
217517	3	7" x 4.5"W	47"	Rectangular	INC	3	9	Beige	7.6	79.95	74.95
2196924	5	5"Diameter	36"	Circular	LED	90	5.5	White	6.8	99.95	89.95
2210600	5	5"Diameter	39"	Circular	LED	45	9.4	White	5.4	99.95	89.95
197456	5	5"Diameter	40"	Circular	INC	1	22	White	7.1	89.95	79.95
2210597	5*	7"Diameter	36"	Circular	LED	102	16.8	White	10.8	269.95	249.95

*Also contains 5 UV LEDs †INC = Incandescent

Anti-Static Wrist Straps

- Comfortable, adjustable black Velcro wrist strap
- The coiled grounding cord has banana plug and alligator clips
- Extended cord: 9'L (2131266: 6'L)



Part No.	Mfr.	Color	1	10	100
34552	BenchPro	Blk/yellow	\$6.95	\$6.49	\$5.95
2131266	Velleman	Black/yellow	4.95	4.49	3.95
2202087	3M	Disposable	4.95	4.49	3.95

JAMECO BenchPro Conductive Anti-Static Bags and Foam

Don't get zapped! Protect your investment with these inexpensive bags and ensure a safe work area with our conductive anti-static foam.



13864: 24"L x 12"W x 0.25"H * Order in multiples of 10

Part No.	Description	1	10	100
249519	4" x 6" anti-static bags, pink	\$.15	\$.15	\$.10
249527	5" x 7" anti-static bags, pink	.19	.19	.12
2202247	5" x 7" anti-static zip, gray	.39	.29	.19
78650	8" x 10" anti-static bags, gray	.39	.29	.25
13864	Anti-static foam	11.95	10.95	9.95

JAMECO BenchPro Visor Magnifier w/ Light

- Power supply: 4 AAA batteries (not included)
- Adjustable dioptry: 1.8/2.3/3.7/4.8
- Size: 7.9"L x 2.4"W x 5.5"H



Part No.	Mfr.	Part No.	Wt. (oz.)	1	10
2131119	VTMG6		5.3	\$7.95	\$6.95

JAMECO BenchPro LED Lighted Helping Hand

- Built-in LED light
- 2.5" magnifier lens with adjustable neck
- 2 alligator clips
- Soldering iron holder
- Size: 10.5"L x 5.2"W x 2.6"D



Part No.	Mfr.	Part No.	1	5
2168448	55133		\$14.95	\$13.95

JAMECO BenchPro Illuminated 1.5X Magnifier

- 3.5"Dia. x 7.5"L
- Light requires 2 AA batteries (not included, recommend P/N 198707, pg 115)



Part No.	Description	1	10
149542	Illuminated magnifier	\$3.95	\$3.59

BEST SELLING SOLDERING STATIONS



Part No.	Description	Page	Price
146595	5W to 40W, analog	132	\$54.95
2082775	80W, analog	133	66.95
2099198	100W, digital	133	399.95
2144577	700W, digital	133	299.95
2174741	1000W, digital	134	249.95

JAMECO BenchPro Glue Gun and Glue Sticks

- Adheres to PCBs, cardboard, wires, metal and cloth
- Silicon nozzle
- Electronic heating
- Trigger action
- Utilizes 100mm long gluesticks (2 sticks included) • Size: 7.3"L x 6.3"W



Part No.	Description	1	5	25
72696	Glue gun	\$7.95	\$7.29	\$6.49
78633	Glue sticks (6/pk)	2.95	2.49	1.95

Weller Light-Duty Battery-Powered Soldering Irons

Battery-powered cordless soldering iron for ultimate portability.

- Over 100 solder joints with new batteries
- Long lasting iron-plated conical tip
- Improved heater performance
- Batteries included

2196043



Part No.	Mfr.	Part No.	Wattage	1	5
2196035	BP650MP	4.5	\$19.95	\$17.95	
2196043	BP865MP	6-8	24.95	22.95	

Weller 18-Watt Pro Series Soldering Iron

- Heats up to working temperature in just 35 seconds
- Up to 900°F temperature
- Co-molded grip for a comfortable feel
- Performance equivalent to a 60 watt iron
- Designed be self-standing, no stand is needed
- Tips use a phono jack and plug for easy tip exchange • UL and CUL listed
- Ideal for hobbies, kits, radios and electronics



Includes: Charger and WPS10 soldering tip

Part No.	Mfr.	Part No.	Description	1	5
2153810	WPS18MP	18-watt iron	\$27.95	\$26.49	
2158637	WPS11	0.03125" chisel tip	9.95	8.95	
2158629	WPS10	0.03125" conical tip	9.95	8.95	

Weller 20-Watt Soldering Iron

A high-quality, mains-powered soldering iron for general purposes.

- Power supply: 20W/110VAC
- UL approved
- Cord length: 5 feet

Includes: Iron stand



Part No.	Mfr.	Part No.	1	5
2131151	VTS20U		\$6.95	\$6.39

XYTRONIC 25-Watt Thermally Balanced Soldering Iron

The XY200GX is a thermally balanced soldering iron for the professional or hobbyist.

- 120VAC; 6' cord • UL listed
- 25-watt power consumption
- Interchangeable tips (pg 134)
- Length: 8.0" • One-year warranty



Includes: 1.6mm conical tip

Part No.	Mfr.	Part No.	1	5	25
129040	200GX-25W		\$14.95	\$13.49	\$11.95

* Soldering Stands — Enter Web Code YAU

NTE BenchPro Heat Guns and Strippers

All Master® products are made in the US from superior quality materials and the finest craftsmanship. Heat guns are ideally suited for drying, heating, welding, shrinking, soldering, desoldering and many other applications where heat is required.

- 2076501: • No-slip adjustable stand • Weight: 4.0 lbs.

- 191943: • 3-pos. switch (hot/off/cool)

Weller TUNSTER * Web Code: QAJ



Part No.	Mfr.	Product No.	Description	Watts	Heat Setting (°F)	Temp. (°F max.)	1	5
2117413	NTE	HG300-D	Mini heat gun	350	482-662	662	\$21.95	\$20.95
254925	BenchPro	1001A	Economical heat gun	1200	600 & 1000	1000	44.95	39.95
76865	BenchPro	G1HG1	Heat gun/stripper	1500	600 & 1100	1100	49.95	44.95
2076501	Master	HG-501A	Industrial heat gun (23 CFM)	1680	750	750	149.95	139.95
191943	Weller	6996C	Industrial heat gun	250	750-800	800	142.95	134.95
2007062	BenchPro	1004	Accessory kit for P/N 254925	—	—	—	11.95	10.95

Weller Butane Powered Cordless Soldering Iron

- Built-in on-off switch
- Can be used as a torch or hot blower
- Maximum temp.: 450°C (842°F) • Length: 8.5"



Part No.	Description	1	5
645520	Butane soldering iron	\$26.95	\$23.95
2097491	5 oz. butane gas refill	6.95	5.95

XYTRONIC 16 to 30-Watt Variable Soldering Iron & Stand

- 116572: Length: 7.5"
- 36329: • Black anodized steel base – 5.3"L x 3.3"W
- See below for replacement sponge (P/N 134631)
- Fits most soldering irons .85" dia.



Includes: Sponge

Part No.	Description	1	5	25
116572	258VL soldering iron	\$19.95	\$17.95	\$15.95
36329	Soldering stand	5.95	5.39	4.79
134631	Sponge (for P/N 36329)	2.95	2.59	2.29

XYTRONIC 35-Watt SMD Tweezer Iron

- Max. temp.: 760°F
- 120VAC input
- Max. efficiency ceramic heating elements insures rapid heat-up and instant heat recovery
- Heater power consumption: 35W ea.



Part No.	Description	1	5	25
168410	Tweezer iron	\$54.95	\$49.95	\$44.95
168583	Tip .078"	10.95	9.95	8.95
168591	Tip .590"	10.95	9.95	8.95

Weller LED Soldering Irons

- 3 high-temperature LEDs with 25 lumen light intensity
- Each iron includes soldering aid tool, tip and user's manual
- 2174901/2174928 includes soldering aid tool, lead-free solder and 2 spare soldering tips
- Cord strain relief for extended life
- Durable cable with 5-foot reach

Part No.	Mfr.	Part No.	Description	1	5
2174899	SP15NUS	15W soldering iron	\$17.95	\$15.95	
2174901	SP25NKUS	25W soldering iron kit	19.95	18.95	
2174936	SP40NUS	40W soldering iron	21.95	19.95	
2174928	SP40NKUS	40W soldering iron kit	24.95	23.95	
2174944	SP80NUS	80W soldering iron	29.95	27.95	



* For additional products, availability and specifications visit Jameco.com and enter the Web Code in the product search box

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Order by Phone at 1-800-831-4242 or Online at www.Jameco.com

Weller® 100-Watt Soldering Iron

- "Closed loop" method of controlling max. tip temperature
- Nominal heat-up time with 700°F tip is 110 seconds
- Length: 6"
- 120VAC @ 60Hz input • Weight: 0.7 lbs.



192081



Includes: CT6F7 (0.375" screwdriver tip; 700°F)

Part No.	Mfr. Part No.	Description	1	5
192081	W100PG	Solder iron	\$64.95	\$59.95
192090	CT6F7	.375" screwdriver tip ..	9.95	8.95

Weller® 25 to 125-Watt Cordless Soldering Iron Kit

- Self-igniting and instant heat
- Adjust. temperature (25W to 125W)
- Auto switch off
- Visible gas level
- Additional tips can be special ordered
- 2 hours of heat on average tank setting
- Use with butane refill (P/N 2097491, pg 131)



Includes: Soldering tool, hot blower tip, hot knife tip, 2.4mm and 4.8mm double flat tip, cleaning sponge, storage case and instruction manual

Part No.	Mfr. Part No.	1	5
152207	PSI-100K	\$109.95	\$99.95

JAMECO ValuePro 30 to 100-Watt Soldering Kit

Includes: 30W soldering iron

- 100W soldering gun with extra tip
- Manual desoldering pump
- Mini third-hand board/component holder
- Soldering aid tool
- Lead solder
- Size: 13.8"L x 11"W x 3"H



Part No.	Product No.	Wt. (lbs.)	1	5
684596	GSR-600A	4.0	\$39.95	\$35.95

WAHL® 25-Watt Cordless Soldering Iron

IsoTip® Power Pro Model #7904

- 900°F tip temperature
- LED indicator light
- Solders 200+ joints or up to 30 minutes of continuous soldering
- Iron performance equivalent to 25-watt iron • Weight: 1.1 lbs.



Includes: Iron, charging stand, battery pack and tips

Part No.	Description	Price
132783	Power Pro cordless iron	\$69.95

***Soldering Irons — Enter Web Code QAS**

SOLDERING AND DESOLDERING

141786

For a complete selection of soldering and desoldering accessories, go to page 136.



Part No.	Description	Price
170457	99.3 SN, 0.3 CU, 15 feet	\$3.25
141786	60 SN, 40 PB, 1.0 lb.	32.95
2158178	63 SN, 37 PB, 1.0 lb.	29.95

Weller® 40-Watt Soldering Station

- Lighted on/off switch
- Adjustable power from 5 watts to 40 watts
- 120V @ 60Hz
- Temperature is electronically controlled from 350°F to 850°F
- Illuminated on/off switch
- Light weight pencil iron
- Size: 5.5"L x 4.5"W x 3.5"H • Weight: 1.9 lbs.



Includes: ST3 1/8" screwdriver tip and manual

Part No.	Mfr. Part No.	1	5
146595	WLC100	\$59.95	\$53.95

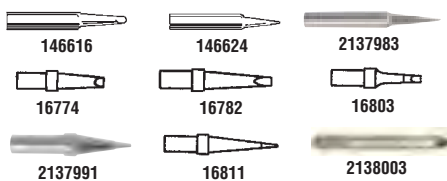
Weller® Soldering Tips

ST Series: Replacement tips for WLC100, WP25, WP30, WP35 soldering irons and stations. Precision ground copper tips plated with iron, nickel and chromium

***Web Code: NAB**

ET Series: Replacement tips for PES51 soldering pencil (P/N 2082847). Contains a sensor hole in base of tip fitted with a stainless steel liner

MT Series: Replacement tips for SP23 and SP23D soldering irons. Solid copper tips, nickel-plated and tinned



Part No.	Mfr. P/N	Description	1	5
146616	ST6	Screwdriver tip 1/32" ...	\$5.95	\$5.39
146608	ST1	Screwdriver tip 1/16"	5.95	5.39
2137975	ST2	Screwdriver tip 1/10"	5.95	5.39
146616	ST3	Screwdriver tip 1/8"	7.95	6.95
146624	ST7	Conical tip 1/32"	6.95	6.25
2137983	ST5	Single flat tip 1/32"	6.95	6.25
16774	ETA	Screwdriver tip 1/16"	6.95	6.25
2138020	ETH	Screwdriver tip 1/32"	6.95	6.25
16782	ETJ	Long screwdriver tip 1/32"	6.95	6.25
16803	ETR	Narrow screwdriver tip 1/16"	6.95	6.25
2137991	ETP	Conical tip 1/32"	6.95	6.25
16811	ETS	Long conical tip 1/64"	6.95	6.25
2138011	ETO	Long conical tip 1/32"	6.95	6.25
2138003	MT1	Cone-shape tip 1/8"	7.95	6.95

Weller® Soldering Tip Care

- Tip thinner and activator • 1.5 oz.



Part No.	Mfr. Part No.	Price
2188043	51303199	\$13.95

Weller® 50W Soldering Stations

- Manual temperature setting
- Electronic temperature control
- Power-on LED indication
- Input voltage: 115VAC
- Input power: 50VA max.
- Temp. range: 374°F to 896°F (2130626); 302°F to 842°F (2196801)
- Size: 7.3" x 4.0" x 3.5" • Weight: 1.6 lbs.



Includes: AC cord, iron stand and sponge

Part No.	Mfr. Part No.	Description	1	5
2196801	VTSS4NU	48W station	\$24.95	\$21.95
2130626	VTSS5U	50W station	29.95	26.95
2174864	BITS5	Conical tip	2.95	2.65

Weller® 60-Watt ESD-Safe Soldering Station

- Temperature controllable: 600°F, 700°F or 800°F
- Closed-loop method of controlling maximum tip temperature to protect sensitive components
- Ferromagnetic temperature sensor, no adjustments necessary
- Quick disconnect plug for soldering iron and lighted on/off switch
- Impact-resistant plastic power unit
- Input: 120VAC @ 60Hz
- Size: 5.9"L x 4.5"W x 3.6"H • Weight: 4.0 lbs.



Includes: Power unit, soldering pencil with PTA7 tip (below), stand and sponge

Part No.	Mfr. P/N	Description	1	5
170552	WTCPT	Solder station	\$189.95	\$174.95
192161	TC201T	Replacement iron	99.95	89.95
192188	PTA7	Screwdriver tip 700°F	6.95	6.25

***Soldering/Desoldering Stations — Enter Web Code GEJ**

***Soldering Tips & Sponges — Enter Web Code NAB**

60 & 80W Lead-Free Digital Soldering Stations

Grounded Soldering Tip

- 150°C to 480°C (302°F to 896°F)
- Fully grounded
- Insulated ceramic heating element for rapid heat-up and heat recovery
- Heater insulation exceeds 100MΩ
- Zero voltage circuitry eliminating high voltage spike and magnetic field generation
- Size: 4.1"L x 3.5"W x 3.5"H • Weight: 2.5 lbs.



Includes: Manual, soldering iron w/ 1/32" tip, stand, tip cleaner and sponge

156814: Sharp conical chisel tip

156822: Conical chisel tip

Part No.	Mfr. Part No.	Description	1	5
2174733	LF-389D	60W station	\$59.95	\$53.95
2193782	LF-399D	80W station	64.95	58.95

Part No.	Mfr. Part No.	Description	1	5
156814	XYB01	1/32" tip	\$4.95	\$4.49
156822	XYB04	1/16" tip	4.95	4.49
134631	SP715	Sponge	3.95	3.59

Weller® 50-Watt Analog & Digital Display Soldering Stations

Innovative heater and sensor combination for quick heat-up and rapid temperature recovery.

- Tip temperature offset capability allows user to reset temperature readings to match tip size and style
- Wireless temp. lockout
- Auto power-down after 90 minutes of inactivity
- Temp. accuracy: ±9°F
- Temperature range: 350°F to 850°F • ESD safe
- Size: 5.9"L x 4.5"W x 3.6"H • Weight: 4.0 lbs.



Includes: PES51 50W soldering iron with ETA tip, PH50 stand and sponge, and adjustment tool

Part No.	Mfr. Part No.	Description	1	5
217461	WES51	Analog	\$134.95	\$121.95
233533	WESD51	Digital	189.95	169.95
2082847	PES51	Soldering iron	49.95	44.95
2082783	WCC104	Replacement sponge ..	3.95	3.59



70 & 80-Watt Lead-Free Soldering Stations

- Input: 110-120VAC @ 60Hz
- Soldering iron assembly
- Adjustable knob for temperature setting
- Weight: 5.3 lbs.



1950711

Includes: soldering station, soldering stand with cleaning pad, soldering iron and manual

1950711: 70-Watt Analog

- With nichrome heating element & K-type thermocouple sensor • Size: 8.0"L x 5.2"W x 3.8"H
- LED to indicate power (green), heater on (red)
- Temp. acc.: ±3°C • Uses model 209 soldering iron
- Temp. range: 200°C to 450°C (392°F to 842°F)

2205860: 80-Watt Digital

- Temp. accuracy: ±3°C • Size: 4.2"L x 5.0"W x 3.6"H
- Temp. range: 200°C to 480°C (392°F to 896°F)
- Uses 108ESD soldering iron assembly • ESD safe

Part No.	Mfr. Part No.	Description	1	5
1950711	169	70W analog ...	\$84.95	\$79.95
2205860	108ESD	80W digital	39.95	36.95



80-Watt High-Power Stained Glass Soldering Station

- 100-120VAC @ 60Hz
- On/off switch with "power on" indicator light
- Temperature range: 482-923°F (250-500°C)
- Variable power control
- Safety guard iron holder • Cushioned foam grip



Includes: 2 solder tips, AC cord, iron stand, metal wool tip cleaner

Part No.	Mfr. Part No.	1	5
2118467	LT-80	\$39.95	\$34.95

Weller® 80-Watt Soldering Station

- 120V @ 60Hz
- Lighted on/off switch
- Adjustable power from 5 to 80 watts
- Temperature: 350°F to 900°F
- Size: 5.5"L x 4.5"W x 3.5"H
- Weight: 2.1 lbs.



2082775

Includes: MTG20 3/8" chisel tip, iron stand, sponge, AC cord and manual

Part No.	Mfr. Part No.	Description	1	5
2082775	WLC200	Soldering station ..	\$66.95	\$63.95
2082821	MTG22	3/8" cone tip	12.95	11.95
2082783	WCC104	Sponge	2.95	2.59

Weller® 85-Watt Digital Lead-Free Soldering Station

- New WP80 soldering pencil with short tip-to-grip (52mm)
- Barrel can be exchanged with optional longer version to work at standard length (65mm)
- Unique silver heater allows fast, efficient soldering
- Uses WP80 soldering pencil and WDH10 soldering stand
- Size: 15.4"L x 10.2"W x 5.2"H • Weight: 8.2 lbs.



Includes: LTB tip, iron stand, sponge and AC cord

Part No.	Mfr. Part No.	1	5
684772	WD1002	\$346.95	\$329.95

* Soldering/Desoldering Stations — Enter Web Code GEJ



90 & 120-Watt ESD Safe, Digital Lead-Free Soldering Stations

- Input: 220-240VAC @ 50Hz, 100-120VAC @ 60Hz
- 0-volt. switching circuitry
- Precise temp. regulation
- Heater/sensor failure detection
- PTC sensor for quick heat-up time
- Temperature range: 2143970: 100°C to 500°C (212°F to 932°F); 2181503: 200°C to 500°C (392°F to 932°F)
- Temp lock out feature, password protected
- High-quality sensor and heat transfer technology
- Aluminum housing • Size: 4.4"W x 6.2"H x 5.4"D



Includes: Separate iron holder with brass tip cleaner, soldering tip and AC cord

Part No.	Mfr. Part No.	Wattage	1	5
2143970	LF-3000	90W	\$119.95	\$109.95
2181503	LF-3200	120W	134.95	124.95

Replacement Sponges for Legacy Model Soldering Stations

134640: For 138-3

134631: For XY-60D, XY-379 & XYT379-C



236460

Part No.	Mfr. Part No.	Size (in.)	1	5	25
134640	SP815	1.8 x 1.8	\$2.95	\$2.59	\$2.39
134631	SP715	1.7 x 2.1	2.95	2.59	2.29
236460	SP715	1.7 x 2.1	2.95	2.59	2.29

6-Watt Portable USB Soldering Iron

- Professional grade soldering tip
- Achieves max. temp. of 896°F/480°C via 9V battery or USB connection
- Rating: 5V @ 800mA
- Built-in ultra bright LED light
- Heats up in just 20 seconds
- Perfect for soldering SMD components
- Energy-efficient, only consumes approx. 5W



Includes: 9V battery adapter, USB cable Y-adapter and sponge

Part No.	Mfr. Part No.	Size	1	5
2173618	MSD-086	5.8"L x 0.6"W ..	\$19.95	\$17.95

CHIPQUIK® SMD Removal Kit

- Potential damage to printed circuit boards is eliminated
- 2.5" of CHIPQUIK® material removes 1250-1500 SMD pins



Includes: 2.5 feet removal alloy material, 1cc syringe rework paste flux, alcohol pads for cleaning and complete instructions

Part No.	Description	1	5
141305	SMD removal kit	\$15.95	\$14.49



70-Watt Digital ESD-Safe Soldering Station

- Adjustable temp. control
- Temp. range: 122°F to 896°F (50°C to 480°C)
- Ceramic heating element and sensor ensures rapid heat-up temperature and fast thermal recovery
- Password protected temperature setting



Includes: iron stand, brass wool cleaner, sponge, AC cord, conical tip

Part No.	Mfr. Part No.	1	5
2174611	FX888D-29BY/P	\$119.95	\$114.95



80-Watt Lead-Free Desoldering Station

- Input voltage: 100-120VAC @ 60Hz
- Heater: 32V, 80W
- Adjustable temperature without changing tips
- Tip temperature accurate to ±3°C (6°F)
- Temperature range: 300°C to 450°C (572°F to 842°F)
- Size: 7.9"W x 9.3"D x 4.5"H • Weight: 13 lbs.



Includes: DIA80 desoldering iron, 2 soldering stands, foam filters, & cleaning brush

Part No.	Mfr. Part No.	1	5
1919094	LF-6000	\$299.95	\$284.95

100-Watt Soldering & Desoldering Station with Fume Extractor



- Input voltage: 110-120VAC @ 60Hz
- Soldering iron: 32VAC/100W 150°C to 480°C (302°F to 896°F)
- Desoldering iron: 32VAC/100W 300°C to 450°C (572°F to 842°F)
- Heater and sensor failed detection and temp. lockout features • Digital temp. readout
- Size: 4.2"W x 3.6"D x 5.0"H • Weight: 28 lbs.

Includes: 307A soldering iron, DIA100 desoldering iron, soldering stands, fume extractor, AX205 micro cutting pliers, 5-piece high precision tweezers, filter and cleaning accessories, AC power cord and manual

Part No.	Description	1	5
2099198	LF-8800 station	\$399.95	\$379.95
2095509	Desolder tip 1.2mm	7.95	6.95
2095517	Desolder tip 1.5mm	7.95	6.95

200-Watt 2-Ch Soldering Station

- Digital read-out display
- Password protection
- Heater/sensor failure detection
- Aluminum alloy, EMI protected housing
- 100W power per channel
- Temperature range of each channel: 212°F to 896°F (100°C to 480°C)



Includes: 2 irons, 2 tips, 2 iron stands with brass cleaners, user's manual

Part No.	Mfr. Part No.	1	5
2205894	LF-5200	\$269.95	\$249.95

700-Watt Lead-Free Multi-Function Surface Mount Rework Station

- 3-in-1 design: soldering, desoldering, hot air
- Heater/sensor failure detection
- Auto cooling design
- Temp. range: 212°F to 896°F
- Weight: 24.5 lbs.



Includes: AC cord, 5-piece tweezers, replacement heating element, cleaning element, 4-piece nozzle set, iron/hot air gun holders and IC popper

Part No.	Mfr. Part No.	1	5
2144577	LF-855D	\$299.95	\$279.95

* SMD Rework Stations — Enter Web Code NAT

* For additional products, availability and specifications visit [Jameco.com](http://www.Jameco.com) and enter the Web Code in the product search box



80-Watt SMD Rework Stations



2120541



2099219

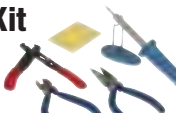
- Thermocouple sensor for stable temp.
- Rapid heat-up and recovery
- 2120541**: • Size: 7.4"L x 5.0"W x 3.3"H • Wt.: 2.6 lbs.
- Adjustable temperature: 482°F-842°F (250°C-450°C)
- 2099219**: • Size: 8.8"L x 6.0"W x 4.5"H • Wt.: 6.8 lbs.
- Adjustable temperature: 392°F-896°F (200°C-480°C)

Includes: Base power unit, sponge, stand, surface mount tweezer iron and stand for tweezers

Part No.	Description	1	5
2120541	SMD rework tweezer station	\$59.95	\$54.95
2099219	Soldering & tweezer combo station ...	139.95	129.95
168583	SMD tweezer tip (0.078")	10.95	9.95
168591	SMD tweezer tip (0.59")	10.95	9.95
156814	SMD conical tip (1/32")	4.95	4.49

30-Watt Solder Tool Kit

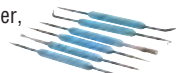
Includes: Soldering iron with stand, long nose pliers, wire strippers, side cutters & sponge



Part No.	Description	1	5
358598	7-piece tool soldering kit	\$15.95	\$14.95

6-Piece Solder Aid Tool Kit

Includes: Various tips: chip holder, spacer, reamer, lever, needle, knife, fork shaft, hook and brush



Part No.	Cross Ref. No.	1	5
2096000	GSR-107	\$6.95	\$6.25

600 & 1000-Watt Lead-Free Hot Air SMD Rework Stations

- Incorporates the largest pump in the industry
- Long life ceramic heater insures accurate and sufficient heat where you need it
- Automatic cooling mode protects the heating element
- Adjustable air-flow: 2128032: 1.5-40L/min; 2174741: 1.5-7-L/min.
- Nichrome heating element
- Power supply: 100-120VAC @ 60Hz or 220-240VAC @ 50Hz
- Electronically controlled temperature system with digital readout in preset and actual temperature
- Hot air temp. range: 100°C - 480°C (212°F - 896°F)
- Temp lock-out feature, password protected
- Sensor/pump failure detection
- Static-free circuit design
- Size: 7.3"W x 5.3"H x 9.6"D • Weight: 10.8 lbs.



2128032



2174741



2174709

2128032 includes: Extra 600W heater, 4 focus hood tips, 5 stainless steel anti-magnetic tweezers, IC popper for IC extraction

2174741 includes: 2 focus hood tips, 5 stainless steel anti-magnetic tweezers, IC extractor

Part No.	Mfr. P/N	Description	1	5
2128032	LF-852D	600W station	\$225.95	\$199.95
2174741	LF-852D-II	1000W station	249.95	229.95
2174709	A1126B	14mm ² QFP nozzle	32.95	29.95
2174717	A1135B	17mm ² PLCC nozzle	34.95	31.95
2174725	A1260B	18x8.6mm SOP nozzle	34.95	31.95

900-Watt Lead-Free, ESD-Safe Soldering Rework Station

- 3-in-1 design: soldering, desoldering and hot air station
- 2 LED displays
- Temperature and air pressure settings
- Temperature-lock feature
- Heater and sensor failure detection
- Input voltage: 100-120/220-240VAC @ 60Hz/50Hz
- Soldering iron temperature range: 302°F - 896°F
- Desoldering iron temperature range: 572°F - 842°F
- Hot Air temperature range: 212°F - 896°F
- Fume extractor air volume: 95/115 CFM
- Weight: 26.5 lbs.



Includes: Soldering iron, desoldering iron, hot-air iron, fume extractor, extra heating element, 2 soldering iron stands, 4 hood tips and 5 tweezers

Part No.	Mfr. Part No.	1	5
2128041	LF-853D	\$599.95	\$549.95

*SMD Rework Stations — Enter Web Code NAB

Heat Sink & Soldering Aid Kit



100378

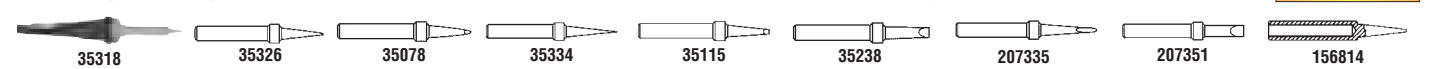
100503

100378: Heat sink absorbs and dissipates heat during soldering & desoldering of sensitive parts

100503 includes: Soldering wick, 3 pc. scraper set, acid brush, clip-on heat sink and empty squirt bottle

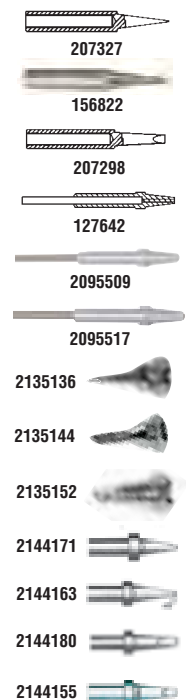
Part No.	Description	1	10	25
100378	Clip-on heat sink	\$1.49	\$1.25	\$0.99
100503	7-piece soldering kit	7.95	7.49	6.95

Tips & Replacement Parts for XYtronic Soldering and Desoldering Products




*Web Code: NAB

Part No.	Mfr. P/N	Description	For XYTRONIC Model Numbers (* Legacy Models)										Pricing							
			169-239VIL 151238*	136ESD 3-Pc. 360D LF-1600	169-200PQ AESD, DESD 168-3C	169-200PQG	960D*	968	996SDA*	LF-2000, 160D	LF-1000, LF-600 LF-700	LF-300A, LF-200 LF-300	LF-360D, LF-300D	1	10	25				
35318	XY48	Assembly - 60W w/ nichrome heater																\$29.95	\$27.95	\$25.95
35326	XY401	Soldering tip - conical bevel 1/32"	✓			✓		✓			✓							4.95	4.49	3.95
35078	XY402	Soldering tip - semi-chisel 1/32"	✓			✓		✓			✓							4.49	3.95	3.59
35334	XY403	Soldering tip - conical sharp 1/64"	✓			✓		✓			✓							4.49	3.95	3.59
35115	XY404	Soldering tip - conical chisel 1/16"	✓			✓		✓			✓							4.49	3.95	3.59
35238	XY405	Soldering tip - semi-chisel wide 1/8"	✓			✓		✓			✓							4.49	3.95	2.95
207335	XY406	Soldering tip - long conical chisel 3/64"	✓			✓		✓			✓							3.95	3.49	2.95
207351	XY410	Soldering tip - chisel 3/16"	✓			✓		✓			✓							4.49	3.95	3.59
156814	XYB01	Soldering tip - sharp conical chisel 1/32"		✓														4.95	4.49	3.95
207327	XYB03	Soldering tip - conical sharp 1/64"		✓														5.95	5.49	4.95
156822	XYB04	Soldering tip - conical sharp 1/16"		✓														4.95	4.49	3.95
207298	XYB05	Soldering tip - semi-wide chisel 1/8"		✓														4.95	3.95	3.59
127642	XYD12	Desoldering tip - 1.2mm (.0472")							✓		✓				✓			6.95	5.95	4.95
2095509	XY12	Desoldering tip - 1.2mm (.0472")														✓		7.95	6.95	5.95
2095517	XY15	Desoldering tip - 1.5mm (.0586")														✓		7.95	6.95	5.95
2135136	44-710654	Soldering tip - conical 0.2mm (.007")														✓		4.49	3.95	3.49
2135144	44-710657	Soldering tip - 45° flat hoof														✓		4.95	3.95	3.59
2135152	44-710662	Soldering tip - chisel 2.4mm (.094")														✓		3.95	3.49	2.95
2144171	44-413081	Soldering tip - conical 0.5mm														✓		3.95	3.49	2.95
2144163	44-413072	Soldering tip - semi-chisel 0.8mm														✓		3.95	3.49	2.95
2144180	44-413071	Soldering tip - semi-chisel wide 3.2mm														✓		4.95	4.49	3.95
2144155	44-413069	Soldering tip - flat 1.6mm														✓		3.95	3.49	2.95



Electric & Manual Desolder Pumps

- Easily disassembles for cleaning
 - Replacement tips available
- 2168261:** • UL listed
• One-hand operation
• Size: 10.5"L x 1.0"Dia.
- 1942139:** Size: 13.3"L x 1.0"Dia. 
- 19166:** Size: 7.8"L x 0.8"Dia.
2131215: Size: 7.5"L x 0.8"Dia. ***Web Code: FXC**

Part No.	Description	1	5
2168261	Electric desolder pump	\$26.95	\$23.95
2131021	Vacuum desolder pump	11.95	10.95
1942139	Manual desolder pump	8.95	7.95
19166	Manual desolder pump	8.95	7.95
2131215	Manual desolder pump*	8.95	8.49
2168270	1 tip for P/N 2168261	5.95	5.49
2158776	1 tip for P/N 2131021	2.95	2.49
2146610	1 tip for P/N 1942139	1.95	1.69
22091	2 tips for P/N 19166	5.95	5.39

*Antistatic tip

11-Piece Soldering Aid Tool Kit

This kit combines all the tools you need in order to begin soldering.

Kit includes:

- 30-watt UL listed soldering iron
- Soldering iron stand
- Heat sink clamp
- Small slotted screwdriver with stripper
- Medium slotted screwdriver
- Medium philips screwdriver
- Tool case
- Solder
- Pliers
- Soldering tool
- Diagonal cutters

Part No.	Cross Ref. No.	1	5
2132322	GTK-059A	\$19.95	\$18.95

Heavy Duty Solder Stand

- Heavy hardened steel base
 - Sturdy screw-on iron holder
 - Weight: 1.1 lbs.
- Includes:** Cleaning sponge
- | Part No. | Size (L x W x H) | 1 | 5 | 25 |
|----------|--------------------|--------|--------|--------|
| 2157651 | 4.0" x 3.0" x 6.5" | \$9.95 | \$8.95 | \$7.95 |

Solder Spool & Iron Stand

- 4 pc. spool stand (some assembly required)
 - Sponge size: 1.6"W x 2.4"L
 - Shaft diameter: 0.6"
- Solder not included**
- | Part No. | Size (L x W x H) | Wt. (lbs.) | 1 | 5 | 25 |
|----------|--------------------|------------|---------|---------|----|
| 169551 | 6.0" x 3.5" x 3.1" | 2.0 | \$12.95 | \$11.95 | |

Solder Spool Stand

- 12 pc. solder spool stand (some assembly required)
 - Size: 3.6"W x 3.9"D x 4.3"H
 - Shaft diameter: 0.6"
- Solder not included**
- | Part No. | Description | Wt. (lbs.) | 1 | 5 | 25 |
|----------|--------------|------------|---------|---------|--------|
| 141761 | Solder stand | 1.6 | \$12.95 | \$11.49 | \$9.95 |

Soldering Tip Cleaner with Stand

- For cleaning soldering iron tips without the use of water and sponge
 - Metal wool for cleaning
 - Rubberized base for stability
- 156777**
- | Part No. | Description | Wt. (lbs.) | 1 | 5 | 25 |
|----------|------------------------|------------|--------|--------|--------|
| 156777 | Tip cleaner and stand | 0.5 | \$6.95 | \$6.39 | \$5.79 |
| 160004 | Metal wool replacement | 0.1 | 2.95 | 2.59 | 2.29 |

150-Watt Solder Pot

- On-off switch on handle
 - Input voltage: 120VAC
 - Maintains pot temp. of 450°C to 480°C (842°F to 896°F)
 - 3-conductor power cord: 5' long
 - Pot size: 30mm deep x 35mm Dia.
- | Part No. | Mfr. Part No. | Wt. (lbs.) | 1 | 5 |
|----------|---------------|------------|---------|---------|
| 2115418 | RD-7339 | 1.2 | \$49.95 | \$44.95 |

300-Watt Solder Pot

- Temperature Regulated Between 420°C and 450°C**
- 2 conductor power cord: 5' 9" long
 - Holds up to 2.2 lbs. of solder bars recommend P/N 176057, pg 136
 - Input voltage: 110VAC @ 2.7A; 50-60Hz
 - Size: (unit) 4.8"H x 5.5" Dia. (base)
 - Size: (tub) 2.4"Dia. x 1.6"D
 - One-year warranty
- | Part No. | Description | Wt. (lbs.) | 1 | 5 |
|----------|-----------------|------------|---------|---------|
| 1951625 | 300W solder pot | 5.9 | \$89.95 | \$79.95 |

600-Watt Solder Pot

- Temperature Adjustable**
- 2-wire power cord (5' 5")
 - Temperature: 0°C to 500°C
 - Input voltage: 110VAC @ 5.5A
 - Holds up to 5.5 lbs. of solder bars pg 136
 - On-off power switch and LED indicator for heat
 - Self-regulating temp.
 - Size (unit): 6.8"L x 5.5"W x 2.8"H
- Includes:** Skimmer and removable dross tray
- | Part No. | Description | Wt. (lbs.) | 1 | 5 |
|----------|-----------------|------------|----------|----------|
| 172276 | 600W solder pot | 7.4 | \$249.95 | \$225.95 |

2000-Watt Solder Pot

- Thermostat control for setting temp. from 50°C to 300°C
 - Holds up to 57.3 lbs. of solder bar pg 136
 - 3 conductor pigtail power cord: 5'L
 - Input voltage: 110VAC @ 18A, 50-60Hz single phase
 - Size (unit): 18.1"L x 11.5"W x 6.0"H
 - Size (tub): 12.0"L x 8.0"W x 2.9"H
 - One-year warranty
- Power cord not included (recommend P/N 37997, pg 103)**
- | Part No. | Description | Wt. (lbs.) | 1 | 5 |
|----------|------------------|------------|----------|----------|
| 149876 | 2000W solder pot | 23.1 | \$329.95 | \$299.95 |

***Solder Pots — Enter Web Code HAW**

Magnifier Third Hands

- Great for when two hands aren't enough
 - 2 adjustable clamps for easy board hold
 - 3.5" diopter 4 (2x magnification)
- 2196756:** With iron stand, 2 LEDs & mini diopter 20 (6x magnification)
- | Part No. | Mfr. Part No. | Size (in.) | 1 | 5 |
|----------|---------------|-----------------|---------|---------|
| 2196756 | VTHH3 | 8.3 x 6.7 x 4.3 | \$21.95 | \$19.95 |
| 2196764 | VTHH4 | 5.3 x 6.9 x 4.7 | 14.95 | 13.49 |

Deluxe Soldering Iron Stand

- Holds all the essentials in one unit
 - Solder roll & soldering iron holders
 - Cleaning sponge holder
 - Handle for easy carrying
 - Solder not included
- | Part No. | Mfr. Part No. | 1 | 5 |
|----------|---------------|---------|---------|
| 2196772 | STAND60 | \$13.95 | \$12.49 |

22-Watt Fume Extractor

- Absorbs noxious lead fumes using activated-carbon filter and a high-efficiency fan**
- Operate continuously providing filtered air
 - Static ground jack
 - Fuse protected
 - Noise: 49dB fan
 - Air flow: 115 CFM
 - 120VAC, 60Hz, 22 watts
 - Uses 130mm filters
 - Large surface area w/ adjust. angles
 - Size: 7.2"W x 5.4"D x 7.9"H
 - One-year warranty
- Includes:** Detachable power cord
- | Part No. | Description | Wt. (lbs.) | 1 | 5 |
|----------|-------------------------|------------|---------|---------|
| 2171786 | Fume extractor | 2.6 | \$49.95 | \$45.95 |
| 127183 | Replace. filters (3/pk) | 0.05 | 9.95 | 8.95 |

Fume Extractor Kit

- Everything you need in order to build your very own mini pocket-sized fume extractor.
- Kit includes:**
- Voltage regulator
 - 12VDC fan
 - Slide switch
 - 2 fan guards
 - Replacement filter
 - Heat shrink
 - Jumper wire
 - Tin enclosure
 - Two 9V batteries w/ clips
- For step-by-step instructions, visit the workshop center at www.Jameco.com/Fume
- | Part No. | Description | 1 | 5 |
|----------|---------------------------|---------|---------|
| 2137481 | 13-pc. fume extractor kit | \$19.95 | \$17.95 |

42-Watt Combo Soldering Station and Fume Extractor

- Power consumption: 42W @ 650°F (soldering iron)
 - Adjustable knob for temperature control: 500°F to 800°F
 - Stability @ idle: ±9°F
 - Max. air volume: 95/115CFM
 - LED indicator for pilot light
 - Electronic zero-voltage switching
 - Input voltage: 100-120VAC @ 60Hz
 - Size: 6.4"W x 7.8"H x 4.7"D
- Includes:** Soldering iron, iron holder, sponge, carbon activated filter, power cord and manual
- | Part No. | Mfr. Part No. | Wt. (lbs.) | 1 | 5 |
|----------|---------------|------------|---------|---------|
| 183169 | 456DLX | 5.2 | \$79.95 | \$74.95 |

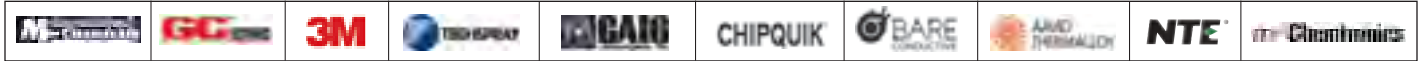
Weller® 20-Watt Fume Extractor

- This fume extractor removes flux fumes from the soldering workbench by drawing smoke through an activated carbon filter. With its exceptionally quiet fan, it can process up to 1.37 cubic meters of air per minute and its stand is adjustable, allowing it to be set-up in multiple positions.
- Voltage: 120VAC
 - Sound level: 45-50dB
 - Air consumption: 87-107CFM
 - ESD safe
 - Power consumption: 20W
 - UL/CUL listed
 - Absorption capacity: 1.25 cubic meters to 1.37 cubic meter per minute
 - Size: 10"L x 6.5"W x 11"H
- | Part No. | Mfr. Part No. | Wt. (lbs.) | 1 | 5 |
|----------|-------------------------|------------|---------|---------|
| 684810 | WSA350 | 4.2 | \$69.95 | \$64.95 |
| 684828 | WSA350F (carbon filter) | 0.02 | 7.95 | 6.95 |
- *Fume Extractors — Enter Web Code HAR**

*For additional products, availability and specifications visit Jameco.com and enter the Web Code in the product search box

3 LEVELS OF SAVINGS
NAME BRANDS HOUSE BRANDS SPECIAL BUY

Workshop Chemicals & Heat Sink Compounds



Workshop Chemicals & Heat Sink Compounds

Part No.	Manufacturer	Description	Vol. (oz.)	NEW MARKED IN PINK	
				1	5
2120794	MG Chemicals	Adhesive epoxy, high temperature encapsulating and potting compound*	12	\$54.95	\$49.95
615769	GC Electronics	Adhesive, sealant, silicon, one part, non corrosive, clear	3	5.95	5.49
2201754	MG Chemicals	Silver conductive epoxy adhesive, strong water & chemical resistance, two 7g syringes*	0.1\$	64.95	59.95
645845	3M	Super adhesive, household glue #6004*	1	3.95	3.75
2094207	Caig/DeoxIT	Air duster, non-flammable, moisture free, non-ozone depleting, no VOC*	10	11.95	10.95
2112524	ChipQuik	Cleaner & tinner, soldering tip for pre-tinning & tinning*	8†	12.95	11.95
2094231	Caig/DeoxIT	Cleaner wash, contact evaporates quickly, safe on plastics*	10	10.95	9.95
2094233	Caig/DeoxIT	Cleaner, contact quick dry, chemically improves metal electronic connections*	0.5	11.95	10.95
118033	Techspray	Cleaner, contact, ECONOLINE, CFC free, aerosol can*	13.5	19.95	17.95
195004	Caig/DeoxIT	Cleaner, contact dioxidizer & preservative, improves electronic connections*	5	19.95	17.95
2094215	Caig/DeoxIT	Cleaner & conditioner, soldering tip	0.5	10.95	9.95
616331	GC Electronics	Conductive paint, silver print II*	0.5#	59.95	54.95
2110529	Caig/DeoxIT	Circuit writer pen, silver based, for drawing & repairing traces, works on rubb., epoxy, glass, plastic*	5g†	24.95	22.95
2188297	MG Chemicals	Conductive nickel coating aerosol, reduces EMI/RFI, adheres to ABS & polycarbonates*	12	44.95	40.95
2168464	Bare Conductive	Conductive pen, non-toxic, water-based, water-soluble	0.34	14.95	13.49
2208201	Bare Conductive	Conductive paint jar, non-toxic, water-based, water-soluble	1.7	39.95	36.95
2120559	MG Chemicals	Conformal coating, acrylic lacquer, protects from ESD*	2	16.95	15.49
525851	Chemtronics	Cotton swabs, double headed, 6" handle, 100-pack	—	6.95	6.25
616411	GC Electronics	Developer, positive type, concentrate, dilute 9:1*	6	11.95	10.95
2157941	3M	Electrical coating FD, fast drying sealant and bonding agent	15	34.95	29.95
616438	GC Electronics	Etching solution, PC board, ferric chloride solution*	32	24.95	22.95
2188262	MG Chemicals	Ferric chloride copper etchant solution, etches PCBs 175-200 pinch/minute*	33	19.95	17.95
616446	GC Electronics	Etching solution, PC board, ferric chloride solution*	128	49.95	44.95
139934	Techspray	Freeze spray, Envi-Ro-Tech, circuit chiller, CFC and HFC free*	8	23.95	21.95
615355	GC Electronics	Heat sink compound, 100% synthetic base stocks type 44	16†	39.95	36.95
236823	ValuePro	Heat sink compound, silicon based grease	0.35†	4.95	4.49
167249	Aavid Thermalloy	Heat sink compound, silicon based grease*	2†	8.95	7.95
169252	Techspray	Heat sink compound, silicon free	4†	32.95	29.95
259151	NTE	Heat sink compound, white gel, thermal grease (5 pack)	1g†	2.49	2.25
615312	GC Electronics	Heat sink compound, zinc oxide-filled silicon grease	0.23†	3.49	3.25
615321	GC Electronics	Heat sink compound, zinc oxide-filled silicon grease	1†	7.95	6.95
615304	GC Electronics	Heat sink compound, zinc oxide-filled silicon grease	16†	29.95	26.95
263572	Techspray	Isopropyl alcohol, plastic bottle*	16	14.95	13.49
2188289	MG Chemicals	Liquid isopropyl alcohol, general purpose cleaner*	33.8	14.95	13.49
2201762	MG Chemicals	Liquid rosin flux, fully activated, instant wetting, non-corrosive, non-conductive*	4.2	13.95	12.49
2201771	MG Chemicals	Liquid rosin flux pen, fully activated, RA type, non-corrosive, non-conductive*	0.34	10.95	9.95
2188300	MG Chemicals	No clean flux paste with syringe, 10cc/10ML	8g†	12.95	11.95
615806	GC Electronics	Solder flux remover & cleaner II, non ODC*	16	13.95	12.49
118041	Techspray	Solder flux remover, ECONOLINE, CFC free, aerosol can*	13.5	19.95	17.95
1586015	Chipquik	Solder flux, tack for rework, no clean, 10cc w/ syringe	0.34	19.95	17.95
481764	Techspray	Solder flux, dispensing pen, No-clean, resin & halide free leaves no residue*	0.38	11.95	10.95
615224	GC Electronics	Solder flux, liquid, non corrosive, solution of special rosin in alcohol*	2	10.95	9.95
615232	GC Electronics	Solder flux, liquid, non corrosive, solution of special rosin in alcohol*	16	24.95	22.95
2094258	Caig/DeoxIT	Solder flux, rosin paste for electronic applications including PCBs*	2	10.95	9.95
2113092	Chemtronics	Solder flux, rosin dispensing pen, for electronic applications including PCBs*	0.32	11.95	10.95
2098208	Chipquik	Solder paste, 63% SN, 37% PB, no clean 10cc w/ syringe*	0.34	26.95	24.95
2098224	Chipquik	Solder paste, 63% SN, 37% PB, no clean 10cc w/ syringe, water washable*	0.34	24.95	22.95
2097441	Chipquik	Solder paste, 96.5% SN, 3% AG, 0.5% CU, no clean 10cc w/ syringe*	0.34	29.95	26.95

* Shipped via ground to continental U.S. only # Troy ounces † Measured by weight \$ Weight for each



* Workshop Chemicals — Enter Web Code YAQ

* Heat Sink Compounds — Enter Web Code YBA

JAMECO BenchPro Cleaning Brushes

153322: Metal handle

Part No.	Description	Length	1	10	100
153322	Soft bristles	6"	\$.79	\$.69	\$.59

JAMECO BenchPro Plastic Pump Bottle

- 6 oz. bottle
- ESD compliant
- Plastic bottle with dispenser cover
- Color: light blue

Part No.	Cross Ref. No.	1	5	25	
158131	450	\$14.95	\$13.49	\$11.95

JAMECO BenchPro Clip-On Heat Sink

- Absorbs and dissipates heat during soldering and desoldering sensitive parts

Part No.	Cross Ref.	Size	1	10	100
159126	HT156	2.7"L x 0.7"W \$2.95	\$2.59	\$2.29

* Cleaning Tools — Enter Web Code CLE

JAMECO BenchPro ProtoDough Reusable Prototyping Design Plastics

- Create custom molds of any design quickly and easily
- High elongation break points
- Can be drilled, sawed and machined
- Safe for hand molding
- Non-toxic, lightweight and paintable
- 3.5mm pellets
- Melting point temperature: 136°F-140°F

Part No.	Cross Ref. No.	Description	1	5
2208286	Proto Dough-250G	250 gram bag	\$14.95	\$13.49
2208294	Proto Dough-500G	500 gram bag	19.95	17.95
2208307	Proto Dough-1000G	1000 gram bag	34.95	31.95



* For additional products, availability and specifications visit Jameco.com and enter the Web Code in the product search box

