

See www.Jameco.com for complete specifications

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY

DT830B

P/N 1928476
\$8.95

MN35

P/N 645618
\$24.95

MAS830L

P/N 220759
\$16.95

MAS838

P/N 220741
\$19.95

DDM230B

P/N 2206053
\$69.99

EX330

P/N 645626
\$64.95

EX430

P/N 1581177
\$99.95

115

P/N 1537328
\$189.95

117

P/N 1537336
\$209.95

DVM890F

P/N 645571
\$44.95

MN26T

P/N 211650
\$49.95
Pocket Sized

87-5

P/N 2173634
\$499.95

175

P/N 192655
\$269.99

DDM645

P/N 2208462
\$54.95

179

P/N 185535
\$319.95

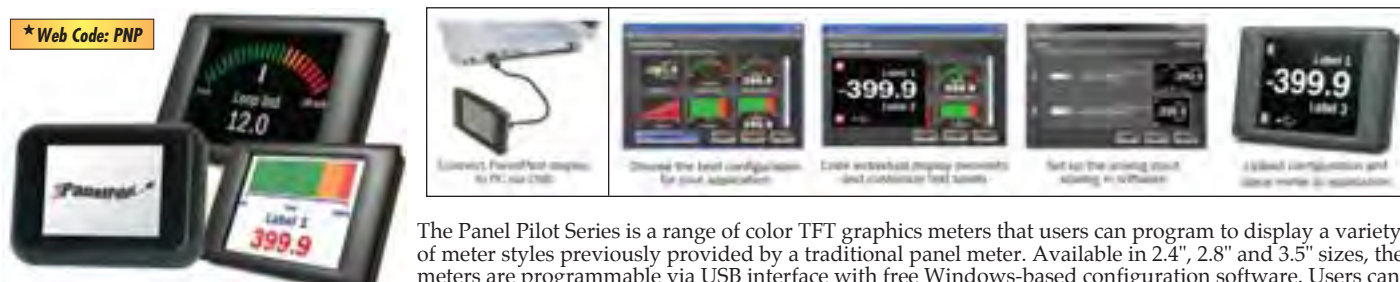
* Web Code: HBK

Jameco Part No.	Manufacturer Part No.	No. of Functions	Display Count	Resolution (max DC)	DC Voltage Ranges (V)	AC Voltage Ranges (V)	DC Current Ranges (A)	AC Current Ranges (A)	Resistance Ranges (Ω)	Capacitance Ranges (F)	Frequency Ranges (Hz)	Temperature Range		Test Functions				Special Functions				Jameco Part No.	Pricing		
												°C	°F	Diode Test	Battery Test	Continuity Test	Transistor hFE Test	Autorange	Analog Bargraph	RS-232 PC Interface	True RMS		Size (H" x W" x D")	1	5
												1928476	Vastech DT830B	4	1999	1V	200mV - 1000V	200V - 750V	200µA - 10A	—	200Ω - 2MΩ		—	—	—

*With non-contact voltage detector (100-600VAC range) # Kit with accessories included † With backlight

LASCAR 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 3 1/2 digit, bargraph and analog style meter styles choices	3.0 x 1.9 x 0.75	Screw terminal	4-30VDC	0-40VDC	USB	\$109.95
2178275	SGD 28-M	Multi-function 2.8" color TFT display with 3 1/2 digit, bargraph and analog style meter styles choices	3.4 x 2.3 x 0.80	Screw terminal	4-30VDC	0-40VDC	USB	99.95
2178267	SGD 35-M	Multi-function 3.5" color TFT display with 3 1/2 digit, bargraph and analog style meter styles choices	3.7 x 3.0 x 0.90	Screw terminal	4-30VDC	0-40VDC	USB	179.95

Velleman Analog Panel Meters

* Web Code: YBQ

- 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	10.95	9.95
316638	AVM6030	0 - 30VDC	2.4 x 1.8 x 1.3	9.95	8.95

*** Digital Panel Meters — Enter Web Code GCG**

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

*** Meters and Testers — Enter Web Code EMT**

LASCAR Drill Mountable Panel Meters

- Mount by simply drilling a single hole (7/32") & 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	3 1/2-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 pwrd, LCD voltmeter	.50"	3-50VDC	4-25VDC	39.95	34.95	31.95

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

JAMECO ValuePro LCD Digital Panel Meters

* Web Code: WBU

- Input ranges: 200mV, 20V, 200V, 500V
- Input imped.: >100MΩ
- Accuracy: ±0.5%
- Automatic polarity indication
- Size: 1.8"W x 1.0"H (DFRobot meters)
- Size: 2.7"W x 1.7"H (Velleman & ValuePro meters)
- Supply volt.: 8-12VDC (recommend 9V battery P/N 151095, pg 109)

Part No.	Mfr.	Mfr. Part No.	Description	1	10	25
2131135	VEL	PMLCDL	3 1/2-digit	\$9.95	\$8.95	\$7.95
2076113	VEL	PMLED/5	3 1/2-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)	10.95	9.95	8.95
2190776	DFR	DFR0245-R	LED current meter (red)	9.95	8.95	7.95
108388	JVP	PM-428†	3 1/2-digit (no bezel, snap mount)	9.95	8.95	7.95
2144606	JVP	CX102B	3 1/2-digit red (4.75VDC-5.25VDC)	11.95	10.95	9.95
175951	JVP	PM-128†	3 1/2-digit (bezel, screw mount)	13.95	12.49	10.95
146835	JVP	PM-188BL†	3 1/2-digit (with backlight display)	14.95	13.49	11.95
2076121	VEL	PM/RES	Resistor set for Velleman meters	1.95	1.75	1.49

† Only the PM ports * Mfr.: VEL = Velleman; DFR = DFRobot; JVP = Jameco ValuePro
Cannot use in common ground app.

Test Equipment & Graphic Displays

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY



Meters & Testers



* Web Code: EMT

Part No.	Manufacturer	Mfr. Part No.	Description	1	5
2130749	Velleman	VTLAN4	LAN tester, tests RJ-45, 10 Base-T, Token Ring, RJ11/12 cables	\$16.95	\$14.95
14285	BenchPro	RS232	RS232 Line Tester, identifies simple interface problems on lines 2-6, 8, 11, 19, 20	9.95	8.95
2175445	Velleman	DVM6013	3½-digit Capacitance Meter	69.95	62.95
2206037	Dawson	DDM30	Smart SMD Tweezer Tester	44.95	39.95
198678	Extech	LCR Meter	Passive Component LCR Meter	210.95	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



Function Generators



* Web Code: DEJ

229251



2160411



2112831



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	179.95
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	229.95

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

Oscilloscopes



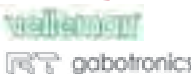
* Web Code: RCG

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	\$24.95
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	59.95
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
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
2127339	Velleman	HPS1401	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
2207259	Link Instruments	MSO-28	60MHz	10-channel PC based oscilloscope and logic analyzer	4.0 x 2.4 x 0.8	0.88	Power cord, BNC cable, user's manual	324.95
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	499.95
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	649.95
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	599.95
2217393	Seed Studios	TOL01241P	200kHz	USB PC-based scope, 2.8" LCD display, built-in signal generator	4.1 x 2.1 x 0.3	0.4	Carrying case, stand, 2 grabbers, wrench	124.95
2217406	Seed Studios	TES725AAB	8MHz	4-channel/2 analog/2 digital, built-in signal generator	3.9 x 2.4 x 0.6	0.18	2 probes, 2 grabbers, wrench, User's Manual	249.95

Oscilloscope Probe Sets



- 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	\$15.95	\$14.49
2145342	EZ Digital	T5060	60MHz	1:1 or 10:1	300VDC max.	4.0	22.95	20.95
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	27.95	24.95
2205982	Gobotronics	KSOLS101	—	—	Logic analyzer probe cable kit	1.1	8.95	7.95
2205958	Gobotronics	GT-0019	—	—	3.5mm plug to hook clips probe	2.0	3.49	2.99

* 2 probes included



Customizable Multi-Function Capacitive Touchscreen Graphic Displays

* Web Code: PNP

- Eight digital input/output pins
- I²C, SPI, RS-485 and Ethernet support
- Connection: screw terminal and DIL
- Four 16-bit bipolar analog inputs (scalable in software to ±40V)
- Two alarm outputs (max current sink 10mA)
- Measurement range: 0-40VDC; 4-20mA
- RS232 serial interface
- Supply voltage: 4-30VDC
- User interface: USB

Part No.	Mfr. Part No.	Description	Module Size (in.)	Price
2219305	SGD 43-A	Multi-function 4.3" color TFT display	4.7 x 3.1 x 0.8	\$274.95
2219313	SGD 43-A-DK+	Development kit, including display	7.1 x 5.8 x 2.5	499.95



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

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

4-in-1 Laboratory Center

This universal system is a versatile instrument, which combines a function generator, digital multimeter, frequency counter and power supply in one unit.

Function Generator: • Frequency range: 0.1Hz - 10MHz

• Wave outputs: Sine, Square, Triangle, Pulse, TTL output

Frequency Counter: • Channel A output: 1Hz - 100MHz • Channel B output: 100MHz - 2.7GHz

DC Power Supply: • Adjustable voltage output: 0-30V @ 0-30A • Fixed voltage output: ±15V @ 1A, +5V @ 2A

Digital Multimeter: • Temperature range: -50°C to +1372°C (-58°F to +2502°F)

- Maximum AC voltage: 750VAC
- Maximum DC voltage: 1000VDC
- Frequency range: 1kHz - 6MHz
- 80,000 count and bar graph display
- Maximum AC/DC current: 20 A
- Diode, dBm functions, RS-232 interface
- Capacitance range: 1pF-100µF
- Resis. range: 800Ω-80MΩ

Includes: Power cord, test leads, fuses, temperature probe, RS-232 cable for DMM, user's manual

Part No.	Mfr. Part No.	Size (W" x D" x H")	Wt. (lbs.)	1	5
2135814	US-9170A	15.0 x 12.5 x 6.6	30.2	\$899.95	\$849.95

Oscilloscope Tutor Kit

This board generates a number of safe "real world" signals that can help you learn terms such as V/div, as well as the measurement quantities of AC, DC, frequency and more. Most experiments can be done with a digital or analog scope. Learn more about oscilloscopes with this kit!

- Signals: alternating current (AC), adjustable AC, full wave and half-wave rectified AC, smoothed direct current (DC), ripple, astable oscillator
- No soldering required, assembled and tested • Power supply: 9-12VAC, min. 100mA

Part No.	Mfr. Part No.	Description	Size (L" x W" x H")	1	5
2175568	EDU06	Oscilloscope learning kit	4.6 x 2.9 x 0.9	\$29.95	\$28.49

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	499.95

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 digital 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	\$109.95
2217131	8-channel	2.1 x 2.1 x 0.46	219.95
2217123	8-channel	3.6 x 3.6 x 0.59	479.95
2217115	16-channel	3.6 x 3.6 x 0.59	599.95

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	\$44.95	\$39.95

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

Logic Probe Kit

This kit will help you easily monitor digital signals, whether they are on or off. It tests digital circuits at various points to see if they are low, high, or constantly changing, which is perfect for troubleshooting several kinds of digital circuits including timers, clocks, counters and more.

Part No.	Mfr. Part No.	1	5
662725	EBLOG-300A	\$11.95	\$10.95

2 Channel - DC to 20MHz Analog Oscilloscope w/ Function Generator

- Frequency Range: 1Hz to 1MHz
- 6" Rectangular CRT Display
- Resolution/Sensitivity: 1mV/div
- V Mode Switch: CH1, CH2, DUAL and ADD
- Vertical deflection and Sweep Magnification: X5



Functions Blocks:

- Display and Power
- Vertical Amplifier
- Function Generator: Triangle, Sine, Square and TTL-level Square waves.
- Sweep and Trigger

Basic Measurements:

- Single & Dual Trace Measurement
- Trigger Selection
- X-Y Measurements

Measurement Applications:

- Amplitude
- Phase Difference
- Dimension: 320mm (W) x 140mm (H) x 430mm (L)
- Operation: Output Frequency Adjustment & Waveform Selection, DC Output, and TTL Output
- Time Interval Frequency
- Rise Time

Part No.	Mfr. Part No.	1	5
2145246	OS-5020G	\$629.95	\$569.95

*For additional products, availability and specifications visit [Jameco.com](http://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

Benchtop & Precision Power Supplies

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY

Single Output Benchtop Power Supplies

- Voltage and current adjustable



* Web Code: SAX



301920



175257



301971



207618



301911

Part No.	Mfr.	Mfr. Part No.	Voltage (VDC)/ Current (A)	Power (W)	Input Voltage (VAC)	Displays (Digits)	Short Circuit Protection	Overload Protection	Size (W" x H" x D")	Weight (lbs.)	Pricing	
											1	5
301920	BenchPro	HY1503C	15/3	45	115 ±10%	2-Analog	Y	N	3.8 x 6.3 x 9.1	9.0	\$99.95	\$89.95
2130378	Velleman	PS1503SBU	15/3	45	220 @ 50Hz	2-Digital LCD (3.5)	Y	N	8.4 x 6.0 x 3.8	6.7	109.95	99.95
175265	BenchPro	DPS150A	15/10	150	110 @ 60Hz	2-Analog	Y	Y	6.2 x 4.0 x 5.7	12	99.95	89.95
175257	BenchPro	SPS250A	15/15	225	110/220 @ 47-63Hz	2-Analog	Y	Y	6.2 x 4.0 x 5.6	3.8	149.95	144.95
301971	Lascar	PSU130	30/1	30	100/240 @ 47-63Hz	2-Digital LCD (4)	Y	Y	5.5 x 1.6 x 5.2	1.2	99.95	89.95
2145879	Uniteq	PS-1305	30/5	150	110/220 @ 50-60Hz	2-Digital LED (3.5)	Y	Y	6.5 x 5.1 x 13.0	12.3	214.95	194.95
207618	Mastech	HY3005C	30/5	150	115 ±10%	2-Analog	Y	N	5.4 x 6.2 x 11.5	14	159.95	135.95
301911	BenchPro	HY3005D	30/5	150	115/230 ±10% (switchable)	2-Digital LCD (4)	Y	N	5.4 x 6.2 x 11.5	13	199.95	179.95
207635	Mastech	HY3010	30/10	300	115/230 ±10% (switchable)	2-Digital LED (4)	Y	N	10.4 x 6.5 x 14.4	31	299.95	269.95
301938	BenchPro	HY3005	30/5	195	115/230 ±10%	2-Digital LED	Y	N	11.5 x 5.25 x 6.25	10	179.95	162.95
2171735	Uniteq	PS-3610	36/10	360	120/230 50/60Hz	2-Digital LED (3.5)	Y	N	12.2 x 5.4 x 6.1	8.5	509.95	459.95
207600	Mastech	HY5005	50/5	250	115/230 ±10% (switchable)	2-Digital LED (4)	Y	N	10.4 x 6.5 x 14.4	17	229.95	209.95



Multiple Output Benchtop Power Supplies

* Web Code: SAX

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



211693



301962



301947



197991



197982



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	0-30/3; 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
2145861	Uniteq	PS-3030DU	0-30/3; 0-30/3	180	115/230 @ 50-60Hz	4-Digital LED (3)	Y	N	9.2 x 6.3 x 12.8	16.5	369.95	334.95
301962	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
301947	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	299.95	269.95
211684	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	249.95	224.95
2145828	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
301955	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	319.95	289.95
2145801	Unitech	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	369.95	334.95
2145810	Unitech	PS-3305	0-30/5; 0-30/5; 5/3	315	110/220 @ 50/60Hz	4-Digital LED (3)	Y	Y	9.6 x 5.5 x 13.6	22	424.95	399.95
2145799	Unitech	PS-3305	0-30/5; 0-30/5; 2.5, 3.3, 5/3	315	110/220 @ 50/60Hz	4-Digital LED (3)	Y	Y	11.8 x 5.83 x 8.66	22	489.95	439.95
197991	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	209.95	189.95
197982	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	179.95	162.95

* 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 118 for banana terminal plugs



Part No.	Power (W)	Output Volts @ Curr.	Input Voltage	Wt. (lbs.)	1	5
138676	276	13.8VDC @ 20A	115VAC @ 60Hz	15.9	\$79.95	\$74.95



Pocket Photodiode Geiger Counter Kit

- Intermediate level kit with step by step instructions
- Detects alpha and beta radiation particles
- Filters out noise and RF interference with copper tubing and aluminum
- Uses PIN photodiode as a substitute for an expensive Geiger Mueller tube



Part No.	Description	Price
2170812	DIY Geiger counter	\$32.95

BEST SELLING TEST LEADS

Part No.	Manufacturer	Mfr. Part No.	Description	Length	1	10
10444	BenchPro	GAL01	Alligator to alligator, 10 pc	21"	\$5.95	\$5.39
135299	BenchPro	SF-207A-R	Mini grabber to mini grabber, 5 pc	14"	10.95	9.95
256832	BenchPro	CBB-069-R	BNC female to pigtail	7"	5.95	4.95
159899	Pomona	3782-36-02	Mini grabber to banana, 2 pc	36"	15.95	14.49
77746	BenchPro	FC-15B-R	Multimeter test probes, 2 pc	42"	6.95	6.25



10444



135299

Test Leads, Cables, Plugs, Clips & Posts

Test Leads and Cables

Pomona

KEYSTONE

JAMECO BenchPro

NEW

NEW MARKED IN PINK

*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	\$17.95	\$15.95	\$14.49
2113877	Pomona	3957	BNC male to Multi-Stacking banana plugs (2nd End)	1.55	18.95	16.95	14.95
176971	Pomona	4532-C-36	BNC male to Mini alligator clips w/ strain relief, RG58C/U, 50Ω, 20AWG, blk	36	23.95	21.49	19.49
2218901	BenchPro	11384	BNC male to alligator clips, RG58C/U, 18AWG, 1 black, 1 red	20	4.95	4.49	3.95
11464	BenchPro	05-A-078-R	BNC male to Mini-clip test lead, RG174A/U, black	39	5.49	4.95	4.49
11422	BenchPro	05-A-081-R	BNC male to Micro-clip test lead, RG174A/U, black	39	5.49	4.95	4.49
2097150	Pomona	5187-C-36	BNC male to MiniGrabber test leads, RG58C/U 50Ω, 20 AWG, black	36	23.95	21.49	19.49
176954	Pomona	5187-K-36	BNC male to MiniGrabber test leads, RG174/U 50Ω, 26 AWG, black	36	33.95	29.95	26.95
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	14.95	13.49	11.95
2158477	BenchPro	FC16A	Probes w/ right angle banana, screw on alligator clips, 1 black, 1 red	40	8.95	7.95	6.95
2211055	Arndt	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	34.95	31.95	28.95
174625	Probe Master	8150	Micro-tip test probe leads rt. angle (w/10 plunger type tips), 1 blk, 1 red	39	39.95	35.95	32.49
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	29.95	26.95	23.95
155951	Pomona	5519A	Banana plug to rt. angle probe, insulated leads, 18 AWG 1 blk, 1 red	48	18.95	16.95	14.95
1814153	Pomona	1166-48-0	Multi-stacking banana plug to alligator clip, black	48	7.95	6.95	6.25
77738	BenchPro	GF19-R	Protected banana style multimeter test leads, 1 black, 1 red	40	4.95	4.49	3.95
77746	BenchPro	FC-15B-R	Standard banana style multimeter test probes, 1 black, 1 red	42	6.95	6.25	5.59
10444	BenchPro	GAL01	Alligator clip test leads, 24 AWG (19/36), 10-pc. assorted colors	21	5.95	5.39	4.79
2210239	BenchPro	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 set (red/black)	21	1.95	1.75	1.49
2210247	BenchPro	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	12.95	11.49	10.49
159919	Pomona	B-36-02	Stackable banana patch cords, 18 AWG, 1 black, 1 red	36	12.95	11.49	10.49
2208884	BenchPro	CRF-TS0284TS-XX-250MM	Stackable banana patch cords, 18 AWG, 2 ea. (black,red,blue,white,yellow)	9.8	27.95	24.95	22.49
77842	BenchPro	CRF-TS0284TS-XX-330MM	Stackable banana patch cords, 18 AWG, 2 ea. (black,red,blue,white,yellow)	13	27.95	24.95	22.49
1814137	Pomona	1166-12-0	Alligator clip to stackable banana plug, 18 AWG, black	12	6.95	6.25	5.59
1814145	Pomona	1166-12-2	Alligator clip to stackable banana plug, 18 AWG, red	12	6.95	6.25	5.59
1814161	Pomona	1166-48-2	Alligator clip to stackable banana plug, 18 AWG, red	48	7.95	6.95	6.25
2218919	BenchPro	ACBP-20AWG1000-RB	Alligator clip to stackable banana plug, 20AWG, 1 black, 1 red	20	7.95	6.95	6.25
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	7.95	6.95	6.25
159899	Pomona	3782-36-02	Mini-clip w/ stackable banana test leads, 20 AWG, 1 black, 1 red	36	15.95	14.49	12.95
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	47.95	42.95	38.95
155985	Pomona	2708B	9 slot test lead holder, accepts RG213 & RG214 wire sizes (blue)	11	15.95	14.49	12.95
155977	Pomona	4408	10 slot test lead holder, accepts RG59 & RG108 wire sizes (black)	11	12.95	11.95	10.49
155969	Pomona	1508	14 slot test lead holder, accepts RG58 & RG142 wire sizes (orange)	11	15.95	14.49	12.95



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.	1.95	1.75	1.49
1818779	Pomona	3760-0	Binding post, accepts banana, wire, or spade lug, black	1.78 L x .44 Dia.	4.49	3.95	3.59
1818787	Pomona	3760-5	Binding post, accepts banana, wire, or spade lug, green	1.78 L x .44 Dia.	4.49	3.95	3.59
2127742	Pomona	3760-2	Binding post, accepts banana, wire, or spade lug, red	1.78 L x .44 Dia.	4.49	3.95	3.59
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.	1.25	1.09	.99
1582188	Keystone	6092	Banana jack, chassis mount, 0.182" solder tab, black	.937 L x .433 Dia.	1.95	1.75	1.49



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

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

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Test Clips, Plugs, Posts & Tool Kits

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY

Test Clips, Plugs and Posts (Continued)

More images on previous page

* Web Code: TLC

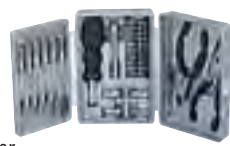
Part No.	Manufacturer	Product No.	Description	Size (in.)	1	10	100
1582170	Keystone	6091	Banana jack, chassis mount, 0.182" solder tab, red	.937 L x .433 Dia.	\$1.95	\$1.75	\$1.49
2168528	BenchPro	0584-BLK	Banana jack, chassis mount, solder tab, tin-plated, black	0.91 L x .43 Dia.	1.49	1.25	1.09
2168536	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 .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
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	.69	.59	.49
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	2.95	2.75	2.49
2197791	BenchPro	201W36BLK	Mini grabber test clip to banana plug, 3' black	2.18 L / 1.45 L	1.95	1.75	1.49
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)	1.6 L x .30 Dia.	.59	.55	.45
256525	BenchPro	SF105B-R	Alligator clip, barrel/screw, 2" (set of 2)	2.0 L x .20 Dia.	.59	.55	.45
2178081	Pomona	5250	8-pin SOIC gold plated test clip	1.73 L x .43 W	14.95	13.49	11.95
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.	.49	.44	.39
2215662	BenchPro	SLV-1.2-BK	Black insulator sleeve for P/N 248921 (set of 2)	1.3 L x .30 Dia.	.49	.44	.39
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
2208913	Vero Tech	20-2137D	PCB mini test point, looped, black, 0.100ID eyelet	.30 L x .09 Dia.	.25	.22	.17
1581986	Keystone	5001	PCB mini test point, looped, black, 0.100ID eyelet	.30 L x .09 Dia.	.35	.29	.25
2168430	Grip-On	37128	28-pc. electrical clip kit, alligator clips and charging clips	Various	5.95	5.29	4.69



Test/Tools

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
- Compact carrying case
- 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

40-Piece Electronic Tech Tool Kit

- Kit includes:
 - Wire cutters/ stripper
 - Adapter bit for sockets
 - Pocket clip screwdriver set
 - 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

* Tool Kits — Enter Web Code CAA

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
 - Brush
 - Crimping tool
 - Oil can
 - Desolder wick
 - 6-piece screwdriver set
 - Desolder pump
 - Testing screwdriver
 - 5-piece file set
 - IC extractor
 - Flashlight
 - Alignment tool
 - 6-piece wrench set
 - 7-piece hex set
 - 3-prong holder
 - Hammer
 - Tweezers
 - Measuring tape
 - Heat sink
 - Scissors
 - Solder core
 - PVC insulated tape
 - Utility knife (3 blades)
 - 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

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

ELECTRONIC DIGITAL MULTIMETER TEST LEAD KIT

This kit is compatible with multimeters that accept safety style sheath banana plugs store in the tri-fold nylon pouch.



- Kit includes:
 - Modular Probe Set with Brass Tip
 - Minipincer Test Clip with DMM Jack
 - Minigrabber Test Clip with DMM Jack
 - Extended Fine Point Test Probe Adapter
 - Insulated Spade Lug Adapter
 - Flexible Test Lead Set with Right Angle and Straight Banana Plugs
 - Medium Alligator Clip
 - IC Test Probe Tip Adapter

Part No.	Description	1	5
2116015	10 piece test lead kit	\$64.95	\$58.95

18 PIECE HOBBYIST TOOL KIT

This is a perfect kit for hobbyists to organize their tools.



- Kit includes:
 - 30W soldering iron
 - Desoldering pump
 - Solder in dispenser 1.0mm 17g
 - Heavy-duty long nose pliers
 - Snap-off knife
 - Heavy-duty universal pliers
 - Adjustable wrench
 - PLCC extraction tool
 - Heavy-duty universal cutter
 - Screwdriver/voltage tester with neon indicator 5 x 90mm
 - Self-adjusting wire stripper
- Size: 13.4"L x 8.7"W x 2.2"H

Part No.	Description	Wt. (lbs.)	1	5
2212841	18 piece tool kit	4.0	\$39.95	\$35.95



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.



- Vise
- Brush
- Soldering stand
- Solder pen
- Cutters
- Tape
- Wrist strap
- Vacuum cleaner
- Scissors

Part No.	Description	1	5
242851	100-piece tool kit	\$159.95	\$149.95

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.	\$179.95

* Tool Kits — Enter Web Code CAA

COAXIAL CRIMPING TOOL KIT

Kit includes:

- Crimper tool
- Screwdriver #1x125
- Round cable cutter
- Rotary coaxial cable stripper
- Spare Die:
 - .255", .213", .187", .068" (Hex)
 - .319", .256", .213", .068" (Hex)
 - .043" (SQ), .100", .213", .068", .137", .255" (Hex)
 - .042" (SQ), .078", .151", .068", .128", .178" (Hex)
 - .10", .128", .429"
- Size: 12.0"L x 8.3"W x 2.3"H



Part No.	Description	Price
2196908	9-piece tool kit	\$114.95

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
 - Inspecting mirror
 - Tape measure
 - Digital multimeter
 - Lead-free solder core
 - Desolder pump
 - 6" chrome-plated wrench
 - Stainless steel tweezer
 - Size: 18.4"L x 13.4"W x 6.4"H
- Hammer
- 30W soldering iron
- Plastic floptop box
- Cleaning brushes
- Aluminum flashlight
- Mini drill with drill bits
- Mini hobby vise
- Elastic wrist strap
- IC extractor
- Electrical tape



Part No.	Description	Weight	Price
2153756	95-piece tool kit	20.6 lbs.	\$199.95



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.
- Tweezers
- Drill
- Desoldering wick
- Brush
- Crimping tool
- Extractor
- 7-piece hex key set
- Hammer
- Solder core
- Wrist strap
- Inspection Mirror



Part No.	Description	1	5
149024	116-piece tool kit	\$319.95	\$289.95

TOOL KIT FOR GAMING CONSOLES

Great tool kit for anyone working on gaming consoles or other consumer electronics with special types of screws and fasteners. The ratchet handle features forward, reverse and locking function for easy operation.

Kit includes:

- 1 handle: ratchet handle 5.5"
- 1 extension bitholder: extension bitholder 4.53"
- 20 bits (1")
- 1 tweezers
- 1 Nintendo bit holder
- 1 multifunctional opening tool
- 2 bits (1.53"): Nintendo
- Weight: 0.8 lbs.



Part No.	Description	Price
2212832	27-piece tool kit	\$24.95

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

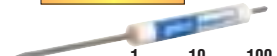
Part No.	Description	1	10	25
2157589	5-piece file set	\$5.95	\$5.35	\$4.79

JAMECO BenchPro Pocket Screwdriver

Phillips & Flat head

- Pen clip for pocket storage
- Size: 6"L

* Web Code: CAQ



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

JAMECO BenchPro Precision Cutting Knife

- Ultra sharp cutting blades
- Precise blade with protective cover
- Size: 6.0"L



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

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	\$9.95	\$8.95
29331	HT204B	Replacement bit	3.49	2.95

TECHNICIAN'S TOOL KIT

This professional tool kit is essential for any technician for on the go fixing. For the full list of tools, go to Jameco.com

Kit includes:

- Wrist strap 10 ft.
- Tweezers
- LED Flash light
- Screwdriver handle
- 4 pcs screwdriver set
- 7 in 1 crimping tool
- 8" Adjustable wrench
- 5 pcs needle file set
- Utility knife (3 blades self-loading)
- 7 pcs folding type hex key set (inch)
- Mini hammer set (including 6 parts)
- 6 pcs electronic screwdriver set
- Brush
- Extractors
- Heat sink
- Double-end blades
- 3 prong holder
- 5 pcs pliers set
- Soldering accessories



Part No.	Description	Price
2196895	59-piece tool kit	\$204.95

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



Crimpers, Strippers, Cutters & Miscellaneous Tools

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

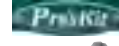
Xcelite

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	3.59	3.15
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	8.49	6.95
2203750	Plato	175LX	5.6" Ergonomic, ESD-safe shear lead cutter with guard, blue grips	✓			5.6 x 2.0	7.95	6.95
146712	Xcelite	170M	5" general purpose shearcutters, flush cutting, red cushioned grips	✓			5.0 x 2.5	9.95	8.95
2188051	Xcelite	170D	5" general purpose shearcutter with static-dissipative black grips, up to 20AWG	✓			5.6 x 2.7	8.95	7.95
2188060	Xcelite	1178M	5.6" heavy-duty shearcutters, for IC pins, cables and harnesses, up to 14AWG, red grips	✓			5.6 x 2.7	14.95	13.49
161411	Pro's Kit	1PK-717	5" Diagonal wire cutters, insulated handles, cuts 0.08mm fine wire	✓			5.0 x 1.8	7.95	6.95
146739	Xcelite	MS54V	4" semi-flush oval head cutters, diagonal cut, green cushioned grips	✓			4.2 x 1.8	22.95	20.95
217921	Xcelite	MS54J	4" oval head-flush diagonal cutters, flush cut, green cushioned grips	✓			4.3 x 1.8	22.95	20.95
1536974	Xcelite	S475NJS	5" tapered head diagonal cutters, flush cut, green cushioned grips	✓			5.0 x 2.5	22.95	20.95
217904	Xcelite	MS549JV	4" tapered head diagonal cutters, flush cut, green cushioned grips	✓			4.2 x 1.8	22.95	20.95
217867	Xcelite	MS545JV	4" slim line tapered head cutters, diagonal flush cut, green cushioned grips	✓			4.2 x 1.9	22.95	20.95
2112292	BenchPro	TTK-061	UTP/STP wire stripper, 3-24 AWG, shielded/unshielded/twisted pair cable		✓		3.5 x 1.3	2.49	2.25
159185	Hanlong	HT-332D	2-blade rotary coax cable strippers, 4 settings for cable sizes 4-12mm		✓		3.9 x 0.7	12.95	11.49
114535	Hanlong	HT-336G	Ratcheted BNC crimper, for RG58, RG59, RG62, RG174, and fiber optic			✓	8.5 x 2.5	25.95	23.49
78992	Hanlong	HT-108	5" cutter/strippers, 10-30 AWG, spring return, screw-adjustable wire gauge	✓	✓		5.0 x 3.0	5.95	5.49
215889	BenchPro	JE-2022C	5" cutter/strippers, 10-24 AWG, spring return, dial to adjust wire gauge	✓	✓		5.0 x 3.0	5.49	4.95
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	9.95	8.95
159291	Hanlong	HT-5023	6.6" cutter/strippers, 20-30 AWG, cuts steel wire, scale markings in AWG/mm	✓	✓		6.6 x 2.0	10.95	9.95
99443	Hanlong	HT-202A	Non-insulated terminal crimper, for D-sub and non-insulated connectors	✓		✓	7.3 x 1.5	10.95	9.95
159266	Hanlong	HT-213	D-sub crimper, crimps D-sub pins and sockets, works with 20-28 AWG wire	✓		✓	7.0 x 4.0	15.95	14.49
2196879	Pro's Kit	200-080	2-in-1 cutter/stripper tool, 14-26 AWG, hardened stainless steel blades	✓	✓		5.0 x 3.0	13.95	12.49
161200	Ideal	45-120	6" cutter/strippers, strips 12-20 AWG stranded, 10-18 AWG solid, plier nose	✓	✓		6.0 x 2.0	16.95	14.95
161218	Ideal	45-121	6" cutter/strippers, strips 16-26 AWG stranded, 14-24 AWG solid, plier nose	✓	✓		6.0 x 2.0	17.95	15.95
175098	BenchPro	GTA-006H	Automatic strippers, 8-22 AWG, spring-loaded handle with wire stopper	✓	✓		7.0 x 3.5	18.95	16.49
18797	Hanlong	HT-1041	7-in-1 wire-handling tool, 10-18 AWG, steel wire cutter, wire loop, red	✓	✓	✓	6.6 x 3.0	5.95	5.39
127862	Hanlong	HT-1042	7-in-1 wire-handling tool, 16-26 AWG, steel wire cutter, wire loop, blue	✓	✓	✓	6.6 x 3.0	5.95	5.39
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	6.25
2153078	BenchPro	GRK-42N	8.5" cutter/crimper/stripper, ergonomic grip, 10-22 AWG, wire gauge markings	✓	✓	✓	8.5 x 3.0	7.19	6.25
2192376	BenchPro	HT-N5684	7.5" modular crimping tool, 8P8C/RJ45, 6P6C/RJ12, 6P4C/RJ11, 4P4C and 4P2C	✓	✓	✓	7.5 x 3.0	15.95	14.49
174676	BenchPro	TTK-070	Modular crimping tool, for RJ11 and RJ45 modular plugs, repeatable crimping	✓	✓	✓	8.5 x 2.2	27.95	24.95

Test/Tools

BEST SELLING CRIMP CONTACTS

Part No.	Mfr. Part No.	AWG	1	10
449342	205089-1	24-20	\$.49	\$.45
449351	205090-1	24-20	.49	.45
234982	66570-3	28-24	.35	.29
43377	500-055	28-24	*	.15
43369	500-155	28-24	*	.15

* Order in multiples of 10

molex Hand Tools for Mini-Fit™ Jr.

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	\$54.95	\$49.95
304936	11-03-0044	Extraction tool	27.95	24.95

* Crimping Tools — Enter Web Code GBU

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	\$13.49	\$12.49

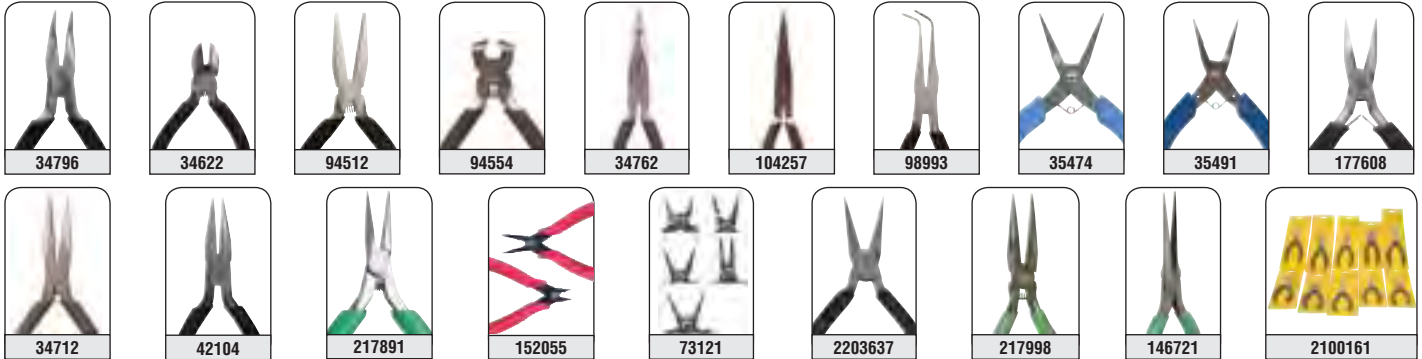
Pliers, Drill Bits, Mini Drill & Stand

Xcelite EXIMCORP

JAMECO BenchPro

Pliers

*Web Code: XPC



Part No.	Manufacturer	Mfr. Part No.	Description	Length	1	5
34796	Eximcorp	BN2497	Bent oval diagonal 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, spring-loaded, insulated handle *	4.5"	3.59	3.15
94512	Eximcorp	SN2468	Standard square nose pliers with serrated jaws, forged steel, heat-treated, insulated grips *	5.5"	3.59	3.29
94554	Eximcorp	NP2491	Standard nipper nose pliers, spring-loaded, forged steel, heat-treated, insulated grips *	4.25"	3.59	3.29
34762	Eximcorp	BNC2493	Standard bent oval nose pliers with cutters, serrated jaws, forged steel, heat-treated, insulated grips *	7.0"	3.59	3.29
104257	Eximcorp	SP2460	Sportman's straight square pliers, forged steel, heat-treated, insulated grips *	8.0"	3.59	3.29
98993	Eximcorp	SBP2459	Sportman's square bent pliers, forged steel, heat-treated, insulated grips *	7.5"	4.49	3.95
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"	5.49	4.95
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
217891	Xcelite	L4V	Subminiature needle nose pliers, cushioned grips, general purpose use	4.0"	21.95	19.95
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"	21.95	19.95
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
2203637	Eximcorp	SN2483	Standard square nose flat smooth jaws, insulated handle *	6.0"	6.95	6.25
217998	Xcelite	LN54GV	Thin long nose pliers with cushioned grips, smooth jaws, general purpose use	5.0"	19.95	17.49
146721	Xcelite	NN7776V	Long needle nose flat pliers with cushioned grips, smooth jaws, general purpose use	6.0"	25.95	22.95
2100161	Eximcorp	EXIM10	10-piece pliers & cutters tool kit w/ the pliers marked above with an asterisk (*) and 5.3" diagonal cutters	4.25-8"	28.95	25.59

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

SECURITY DRILL BIT SET KIT

- Star: #T8, T10, T15, T20, T25, T27, T30, T35, T40
- Hex: #5/64", 3/32", 7/64", 1/8", 9/64", 5/32"
- Tri-wing: #1, 2, 3, 4
- Fork: #4, 6, 8, 10
- Hex: #2, 2.5, 3, 4, 5, 6
- Magnetic bit holder: 1/4" hex
- Four-wing: #6, 8, 10

Part No.	Description	1	10	100
2131101	33-piece drill bit set	\$8.95	\$7.95	\$7.19

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"	\$1.09	\$0.99	\$0.69
1919588	31	0.120"	1.09	.99	.69
1919300	32	0.116"	1.09	.99	.69
1919609	33	0.113"	1.09	.99	.69
1919553	35	0.110"	1.09	.99	.69
1919570	38	0.102"	1.09	.99	.69
16619	75	0.021"	2.49	2.25	1.95

Mini-Drill Bit Kit

- Mini drill (26702)
- Mini drill stand (26711)
- Drill bit sizes 75 & 31 (P/Ns 16619/1919588)

Part No.	Description	Price
2113252	Mini-drill bit kit	\$62.95

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	29.95	26.95	23.95

DRILL AND GRINDER ACCESSORIES KIT AND CASE

- Kit includes:**
- Sanding bands: 19 pcs
 - Collets: 4 pcs
 - Dressing stone: 1 pc
 - Felt wheels: 3 pcs
 - Pointed felt wheel: 1 pc
 - Grinding wheels: 14 pcs
 - Rubber emery wheels: 2 pcs
 - Sanding papers: 30 pcs
 - Sanding shanks: 2 pcs
 - Diamond cutters: 5 pcs
 - Cloth wheel: 1 pc
 - Felt wheels: 8 pcs
 - Mandrels: 3 pcs

Part No.	Description	1	5
2151857	188-piece drill kit	\$22.95	\$20.95

*For additional products, availability and specifications visit [Jameco.com](http://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

Screwdrivers, Calipers & Miscellaneous Tools

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



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
- Delivers perfect balance between tip strength and working angle
- Ergonomically designed anti-roll handle
- Bondhus: Made in USA; Felo: Made in Germany
- Ball-end inserts quickly into screw head up to 25 degrees
- 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")	\$3.59	\$3.25
34059	BenchPro	6-pc. precision screwdriver set (Phillips #0 - 1/16", 5/64", 3/32", #1 - 1/8", 9/64")	3.25	2.95
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")	10.95	9.95
168735	Xcelite	XP600 6-pc ESD-safe screwdriver set, slotted & philps, vanadium steel w/ black oxide tips and case	26.95	23.95
226106	BenchPro	6-pc. precision 50 mm torx screwdriver set (Torx - T5, T6, torx hex - T7, T8, T9, T10)	12.95	11.95
2096229	Felo	6-pc. screwdriver set (slotted - 9/64"; 5/32"; 7/32"; 1/4"; Phillips - #1; #2)	34.95	31.95
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)	1.19	.99
2157634	BenchPro	8-pc. folding hex wrench set, compact foldable design, 4" long	4.49	3.95
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)	4.79	3.59
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	9.95	8.95



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 42)
- Knurled handle for easy grip
- 5" long
- Wire stripper stored in handle

Part No.	Description	1	5
2150361	Modified wrap tool	\$21.95	\$19.95

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 42 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

* Web Code: BBC

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

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"	\$3.59	\$3.25	\$2.95
2153131	GMT-112	12"	4.95	4.49	3.95

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

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)	\$19.95	\$17.95

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 109)

Part No.	Description	1	5
127482	Measures 6" (150mm)	\$29.95	\$26.95
2153545	Measures 8" (203mm)	31.95	28.95

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	3.59	3.25	2.95

Test/Tools

5" Steel Hemostats

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

Part No.	Cross Ref. No.	Description	1	10
115107	HEMO1	5" straight	\$3.95	\$2.95
115115	HEMO2	5" curved	3.95	2.95

SOLDER REWORK CHEMICALS

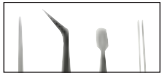
These work great with both leaded and lead-free rework.

- Solder pastes are 96.5% tin, 3% silver and 0.5% copper
- Each includes a 35gram/10cc syringe with plunger and tip

Part No.	Description	Price
2097441	Lead-freer, no clean solder paste	\$29.95
2098232	Water-soluble solder paste	36.95

Tweezers, Magnifying Lamps & Anti-Static Products

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

Xytronic Vacuum Tweezers

Pick & place small parts of all kinds: glass slides, coins, optics, SMDs, film, etc.

- Easy interchangeable tips
- ESD safe body



Part No.	Mfr.	Includes	1	5
207239	Xytronic	4 tips/cups	\$19.95	\$17.95
2183939	Xytronic	3 tips/cups	24.95	22.95

JAMECO BenchPro PLCC & DIP IC Extractors

*Web Code: MAB



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	3.19	2.69	2.29
16766	Velleman	PLCC	3.95	3.49	2.95

BEST SELLING HAND TOOLS

Part No.	Description	Price
35482	4.3" diagonal wire cutters	\$8.49
215889	5" wire cutter/strippers, 10-24 AWG	5.49
159291	6.6" wire/cutter/stripper, 10-24 AWG	10.95
127862	7-in-1 wire handling tool, 16-26 AWG	5.95
159266	D-sub crimper, 20-28 AWG	15.95
114535	Ratched BNC crimper	25.95

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.	Diopter	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	\$21.95	\$18.95
2210618	3	5"Diameter	39"	Circular	LED	90	5.4	White	5.6	76.95	71.95
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"L 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	94.95	84.95
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	245.95	224.95

*Also contains 5 UV LEDs †INC = Incandescent

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	\$5.49	\$4.95	\$4.49

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	22.95	20.95	17.95
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	\$0.29	\$0.25	\$0.22
29524	RIC220	.600"W rail	.29	.25	.22
29583	RRS	Rubber stop	*	.09	.07

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)



Includes: 1MΩ resistor for added safety

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	3.95	3.59	3.19

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	*	\$0.19	\$0.12
249527	5" x 7" anti-static bags, pink	*	.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	12.95	11.95	10.95

VTMGM6 Visor Magnifier w/ Light

- Power supply: 4 AAA batteries (not included)
- Adjustable dioptery: 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	VTMGM6		5.3	\$7.95	\$6.95

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



*Web Code: YAU

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 109)



Part No.	Description	1	10
149542	Illuminated magnifier	\$3.59	\$3.25

BEST SELLING SOLDERING STATIONS

Part No.	Description	Page	Price
146595	5W to 40W, analog	125	\$59.95
2082775	80W, analog	123	79.95
2099198	100W, digital	123	399.95
2144577	700W, digital	123	299.95
2174741	1000W, digital	123	249.95

*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

Heat Guns & Soldering Equipment

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

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	27.95	24.95

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	\$34.95	\$31.95
2158637	WPS11	0.03125" chisel tip	10.95	9.95
2158629	WPS10	0.03125" conical tip	10.95	9.95

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	\$9.95	\$8.95

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 127)
- 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 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)



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	\$24.95	\$22.49
254925	BenchPro	1001A	Economical heat gun	1200	600 & 1000	1000	44.95	39.95
76865	BenchPro	G1HG1	Heat gun/stripper	1500	600 & 1100	1100	44.95	40.95
2076501	Master	HG-501A	Industrial heat gun (23 CFM)	1680	750	750	134.95	124.95
191943	Weller	6996C	Industrial heat gun	250	750-800	800	149.95	134.95
2007062	BenchPro	1004	Accessory kit for P/N 254925	—	—	—	10.95	9.95

XYTRONIC 16 to 30-Watt Variable Soldering Iron & Stand

- 116572: Length: 7.5"
- 36329: • Black anodized steelbase — 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)	3.95	3.59	3.29

BEST SELLING SOLDER TIPS

Part No.	Mfr. Part No.	Description	Price
35238	44-415405	Semi-chisel wide 1/8"	\$4.49
35115	44-415404	Conical chisel 1/16"	4.49
35078	44-415402	Semi-chisel 1/32"	4.49
35326	44-415401	Conical bevel 1/32"	4.95
35334	44-415403	Conical sharp 1/64"	4.49

BEST SELLING VISES

Part No.	Mfr. Part No.	Size (LxWxH)	Wt. (lbs.)	Price
134439	PVJR 201	2" x 1" x 6.8"	1.4	\$29.95
251791	209	2" x 1" x 7.5"	0.8	35.95
27131	#381	5" x 4" x 6.3"	3.3	69.95
262116	GV-300-R	5" x 4" x 6.3"	3.3	39.95
127167	GV-190	10" x 2.5"	2.1	19.95

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

Part No.	Mfr. Part No.	Description	1	5
2174899	SP15NUS	15W soldering iron	\$16.95	\$14.95
2174901	SP25NKUS	25W soldering iron kit	22.95	20.95
2174936	SP40NUS	40W soldering iron	22.95	20.95
2174928	SP40NKUS	40W soldering iron kit	26.95	23.95
2174944	SP80NUS	80W soldering iron	29.95	26.95

Weller Heat Guns



Part No.	Description	1	5	25
224602	40W soldering iron	\$13.95	\$12.49	\$10.95
195223	60W soldering iron	14.95	13.49	11.95
226018	Conical tip for P/N 224602	2.95	2.75	2.49

XYTRONIC 40 & 60W High-Performance, Economical Soldering Irons

- Iron length: 9"
- 120VAC; 6' cord with 3-prong plug
- High-performance double-wound nichrome heating element
- Flexible, burn-resistant silicon cable



Part No.	Description	1	5	25
224602	40W soldering iron	\$13.95	\$12.49	\$10.95
195223	60W soldering iron	14.95	13.49	11.95
226018	Conical tip for P/N 224602	2.95	2.75	2.49

Weller 25 & 35-Watt High-Quality Soldering Irons

- 120VAC @ 60Hz
- Interchangeable heater elements
- Lightweight handle with cushioned grip
- Quick change knurled collar • Length: 9"



Includes: Power cord & ST3 tip (pg 125)

Part No.	Mfr. Part No.	Description	1	5
170587	WP25	25W solder iron	\$44.95	\$39.95
192102	WP35	35W solder iron	59.95	53.95
146608	ST1	Screwdriver tip 1/16"	5.95	5.39
146616	ST3	Screwdriver tip 1/8"	6.95	6.25
192145	ST6	Screwdriver tip .031"	5.39	4.89
146624	ST7	Conical tip 1/32"	5.95	5.39

XYTRONIC 60-Watt Replacement Soldering Iron

- Compatible with the following XYtronic soldering stations: 168-3C, 168-3CD, 9-60A and 9-60D.

Part No.	Mfr. Part No.	1	5
2144649	XY-207ESD	\$39.95	\$35.95

*Soldering Irons — Enter Web Code QAS

- Cord strain relief for extended life
- Durable cable with 5-foot reach



LED Illumination

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	\$69.95	\$62.95
192090	CT6F7	.375" screwdriver tip ..	8.95	7.95

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 130)



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

- 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

Weller® Soldering Tip Care

- Tip thinner and activator • 1.5 oz.



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

SOLDERING AND DESOLDERING

141786

For a complete selection of soldering and desoldering accessories, go to page 129.

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

For Prototyping Boards, see page 134

***Prototyping Boards — Enter Web Code PBH**

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

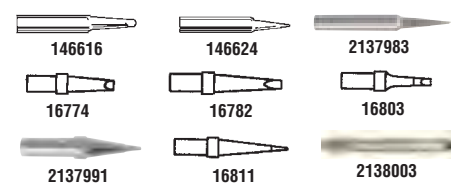
ST Series: Replacement tips for WLC100, WP25, WP30, WP35 soldering irons and stations.

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
192145	ST6	Screwdriver tip 1/32" ...	\$5.39	\$4.89
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"	6.95	6.25
146624	ST7	Conical tip 1/32"	5.95	5.39
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"	6.25	5.59
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® 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	\$22.49
2130626	VTSS5U	50W station	29.95	26.95
2174864	BITS5	Conical tip	2.65	2.39

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

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

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

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	\$179.95
192161	TC201T	Replacement iron	99.95	94.95
192188	PTA7	Screwdriver tip 700°F	6.25	5.59

KYTRONIC 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.



2174733

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	4.49	3.95
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.



233533

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	\$128.95
233533	WESD51	Digital	189.95	179.95
2082847	PES51	Soldering iron	49.95	47.49
2082783	WCC104	Replacement sponge ..	3.95	3.59

*For additional products, availability and specifications visit [Jameco.com](http://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

Soldering Equipment

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



70-Watt Analog Lead-Free Soldering Stations

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



Includes: soldering station, soldering stand with cleaning pad, soldering iron and manual
 • 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 (329°F to 842°F)

Part No.	Mfr. Part No.	Description	1	5
1950711	169	70W analog ...	\$84.95	\$79.95

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.



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 ..	\$79.95	\$72.95
2082821	MTG22	3/8" cone tip	13.95	12.49
2082783	WCC104	Sponge	3.95	3.59



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.	Description	1	5
2174611	FX888D-29BY/P	\$139.95	\$125.95



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	\$109.95	\$99.95
2181503	LF-3200	120W	149.95	134.95

Replacement Sponges for Legacy Model Soldering Stations

134640: For 138-3

134631: For XY-60D, XY-379 & YXT379-C

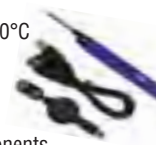


236460

Part No.	Mfr. Part No.	Size (in.)	1	5	25
134640	SP815	1.8 x 1.8	\$2.95	\$2.59	\$2.29
134631	SP715	1.7 x 2.1	3.95	3.59	3.29
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

*SMD Rework Stations — Enter Web Code NAT

*Soldering/Desoldering Stations — Enter Web Code GEJ

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) • Size: 4.2"W x 3.6"D x 5.0"H
- Desoldering iron: 32VAC/100W 300°C to 450°C (572°F to 842°F) • Weight: 28 lbs.
- Heater and sensor failed detection and temp. lockout features • Digital temp. readout

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	8.95	7.95
2095517	Desolder tip 1.5mm	8.95	7.95

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

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	\$19.95	\$17.95

Test/Tools

BEST SELLING WORKSHOP CHEMICALS AND COMPOUNDS



Part No.	Mfr.	Mfr. Part No.	Description	1	5
616331	GC Electronics	22-023	Conductive silver paint	\$59.95	\$53.95
195004	Caig/DeoxIT	D5S-6	Contact cleaner	17.95	15.95
2188262	MG Chemicals	415-1L	Ferric chloride solution	17.95	15.95
615304	GC Electronics	10-8106	Heat sink compound	29.95	26.95
481764	Techspray	2507-N	Solder flux, dispensing pen	9.95	8.95
615224	GC Electronics	10-4202	Solder flux liquid	9.95	8.95
2094258	Caig/DeoxIT	RSF-R80-2	Solder flux, rosin paste	10.95	9.95
2098208	Chipquik	SMD291AX10	Solder paste, syringe	27.95	24.95
2094215	Caig/DeoxIT	TPC-14	Soldering tip cleaner	9.95	8.95

SOLDERING ACCESSORIES



Be prepared to get to work and make sure you have all the tools you need with these best selling soldering necessities.



141786



Solder

Part No.	Mfr.	Description	Price
170457	ValuePro	15 ft solder tube, 0.031" Dia., 99.3% tin, 0.7% copper	\$3.25
141786	ValuePro	1 lb. solder roll, 0.031" Dia., 60% tin, 40% lead	32.95

Circuit Board Holders

Part No.	Mfr.	Description	Price
26690	BenchPro	Third hand tool w/ 3.5" magnifying lens, adjust. clip jaws ...	\$7.95
684844	Panavise	Circuit board holder w/ 8 rotating pos. and lateral notches	89.95

Cleaning Tools

Part No.	Mfr.	Description	Price
153322	BenchPro	6" acid brush tool with metal handle	\$7.95
41082	ValuePro	5 ft solder wick desoldering braid, 0.079" wide	1.95
158131	BenchPro	6 oz. plastic pump bottle with dispenser cover	14.95



Soldering Equipment, Solder Kits & Tips

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.

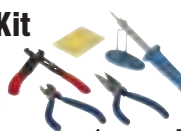
• Adjustable temperature: 392°F-896°F (200°C-480°C)

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
156814	SMD conical tip (1/32")	4.95	4.49

30-Watt Solder Tool Kit

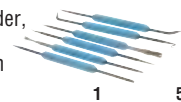
Includes: Soldering iron with stand, long nose pliers, wire strippers, side cutters & sponge



Part No.	Description	1	5
358598	7-piece tool soldering kit	\$15.95	\$15.49

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: 1.5-7.7L/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
- 25W diaphragm pump
- 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	26.95	23.95
2174717	A1135B	17mm ² PLCC nozzle	27.95	25.49
2174725	A1260B	18x8.6mm SOP nozzle	27.95	25.49

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

- 3-in-1 design: solderir desoldering and hot air station
- 2 LED displays
- Temperature and air pressure settings
- Temperature-lock feat
- 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	\$569.95	\$529.95

* SMD Rework Stations — Enter Web Code NAT

Heat Sink & Soldering Aid Kit

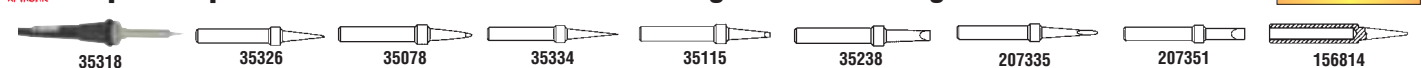


100378: Heat sink absorbs and dissipates heat during soldering & desoldering of sensitive parts

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 2681L J51028*	138E30 373-C-385D LF-1600	XY900A D150 166-3C	169 2100X XY900A LF-1600	960D*	968	999SDA*	LF-3000 LF-2000 LF-1600	1007A LF-2000 LF-1600	LF-3650 LF-3000 LF-3200	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"	✓			✓	✓		✓	✓							3.95	3.49	2.95
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"		✓													4.49	3.95	3.49
207298	XYB05	Soldering tip - semi-wide chisel 1/8"		✓													4.95	3.95	3.59
127642	XYD12	Desoldering tip - 1.2mm (.0472")						✓	✓	✓		✓					6.49	5.49	4.49
2095509	XY12	Desoldering tip - 1.2mm (.0472")											✓				8.95	7.95	6.95
2095517	XY15	Desoldering tip - 1.5mm (.0586")											✓				8.95	7.95	6.95
2135136	44-710654	Soldering tip - conical 0.2mm (.007")											✓				3.95	3.49	2.95
2135144	44-710657	Soldering tip - 45° flat hoof											✓				3.95	3.49	2.95
2135152	44-710662	Soldering tip - chisel 2.4mm (.094")											✓				3.49	2.95	2.69
2144171	44-413081	Soldering tip - conical 0.5mm												✓			3.49	2.95	2.69
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												✓			4.49	3.95	3.49
2144155	44-413069	Soldering tip - flat 1.6mm												✓			3.49	2.95	2.69

* For additional products, availability and specifications visit [Jameco.com](http://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

Soldering Stands, Pots & Fume Extractors

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

Electric & Manual Desolder Pumps

- Easily disassembles for cleaning
 - Replacement tips available
- 2168261**  2168261
 19166
 1942139

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.

Part No.	Description	1	5
2168261	Electric desolder pump	\$29.95	\$26.95
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	5.39	4.75
2146610	1 tip for P/N 1942139	1.75	1.49
22091	2 tips for P/N 19166	7.95	6.95

*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
- Pliers
- Solder
- 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
2157651	4.0" x 3.0" x 6.5"	\$7.95	\$6.95

Solder Spool & Iron Stand

- 4 pc. spool stand (some assembly required)
- Sponge size: 1.6"W x 2.4"L
- Shaft diameter: 0.6"

Part No.	Size (L x W x H)	Wt. (lbs.)	1	5
169551	6.0" x 3.5" x 3.1"	2.0	\$11.95	\$10.95

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"

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

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	\$52.95	\$46.95

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 129
- 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 129
- power switch and LED indicator for heat
- Self-regulating temp.
- Size (unit): 6.8"L x 5.5"W x 2.8"H
- Size (unit): 6.8"L x 5.5"W x 2.8"H

Part No.	Description	Wt. (lbs.)	1	5
172276	600W solder pot	7.4	\$229.95	\$209.95

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 129
- 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

Part No.	Description	Wt. (lbs.)	1	5
149876	2000W solder pot	23.1	\$299.95	\$269.95

Weller Magnifier Third Hands

- Great for when two hands aren't enough
- 2 adjustable clamps for easy board hold
- 3.5" diopter 4 (2x 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

Third Hand Tools

- Two adjustable arms with alligator clip jaws
- Quick and easy rotation
- Sturdy, heavy base

Part No.	Description	Size	Wt. (lbs.)	1	5
26690	Third hand	2.0"	1.4	\$7.95	\$6.95
72865	With holder/sponge	2.0"	1.4	9.95	8.95
681002	With holder/sponge	3.5"	1.7	12.95	11.49

*Solder Pots — Enter Web Code HAW

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
217186	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	\$17.95	\$15.95

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	\$74.95	\$68.95

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
 - Power consumption: 20W
 - Absorption capacity: 1.25 cubic meters to 1.37 cubic meter per minute
 - Size: 10"L x 6.5"W x 11"H

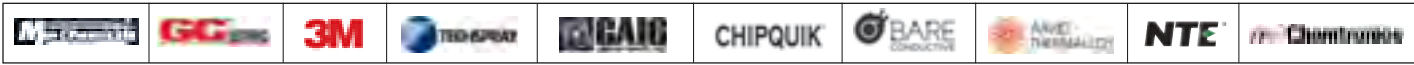
Part No.	Mfr. Part No.	Wt. (lbs.)	1	5
684810	WSA350	4.2	\$69.95	\$64.95
684828	WSA350F (carbon filter)	0.02	8.95	7.95

*Fume Extractors — Enter Web Code HAR

Test/Tools

Workshop Chemicals & Heat Sink Compounds

3 LEVELS OF SAVINGS
 NAME BRANDS HOUSE BRANDS SPECIAL BUY

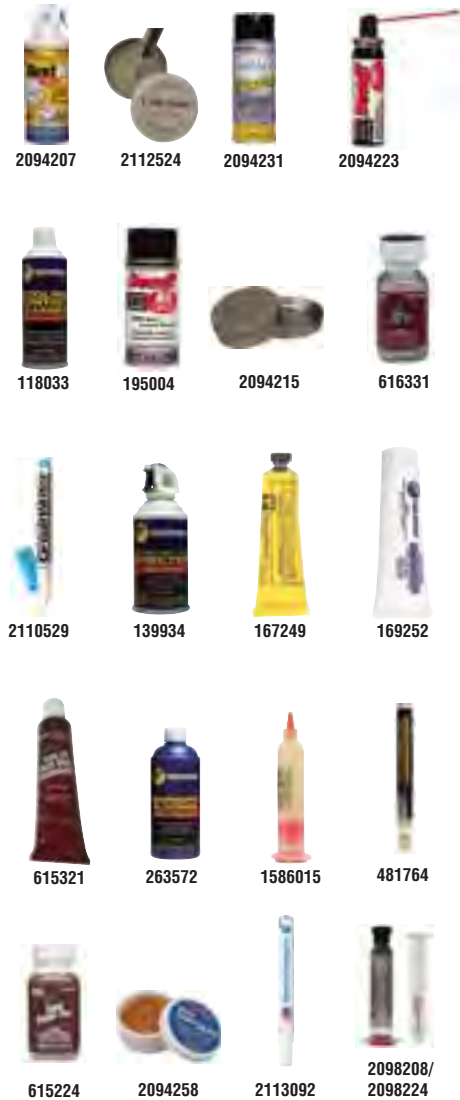


Workshop Chemicals & Heat Sink Compounds

Part No.	Manufacturer	Description	Vol. (oz.)	1	5
2120794	MG Chemicals	Adhesive epoxy, high temperature encapsulating and potting compound*	12	\$43.95	\$39.95
615769	GC Electronics	Adhesive, sealant, silicon, one part, non corrosive, clear	3	5.95	5.39
2094207	Caig/DeoxIT	Air duster, non-flammable, moisture free, non-ozone depleting, no VOC*	10	10.95	9.95
2112524	ChipQuik	Cleaner & tinner, soldering tip for pre-tinning & tinning*	8†	10.95	9.95
2097491	Master Appliance	Butane gas refill	5.125	6.95	6.25
2094231	Caig/DeoxIT	Cleaner wash, contact evaporates quickly, safe on plastics*	10	9.95	8.95
2094223	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	17.95	15.95
195004	Caig/DeoxIT	Cleaner, contact dioxidizer & preservative, improves electronic connections*	5	17.95	15.95
2094215	Caig/DeoxIT	Cleaner & conditioner, soldering tip	0.5	9.95	8.95
616331	GC Electronics	Conductive paint, silver print II*	0.5#	59.95	53.95
2110529	Caig/DeoxIT	Circuit writer pen, silver based, for drawing & repairing traces, works on rubb., epoxy, glass, plastic*	5g†	27.95	24.95
2188297	MG Chemicals	Conductive nickel coating aerosol, reduces EMI/RFI, adheres to ABS & polycarbonates*	12	44.95	40.95
2120559	MG Chemicals	Conformal coating, acrylic lacquer, protects from ESD*	2	14.95	13.49
525851	Chemtronics	Cotton swabs, double headed, 6" handle, 100-pack	—	6.25	5.59
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	36.95	32.95
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	17.95	15.95
616446	GC Electronics	Etching solution, PC board, ferric chloride solution*	128	47.95	42.95
139934	Techspray	Freeze spray, Envi-Ro-Tech, circuit chiller, CFC and HFC free*	8	19.95	17.95
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†	2.95	2.49
615312	GC Electronics	Heat sink compound, zinc oxide-filled silicon grease	0.23†	3.95	3.59
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	13.49	11.95
2188289	MG Chemicals	Liquid isopropyle 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	12.95	11.49
2201771	MG Chemicals	Liquid rosin flux pen, fully activated, RA type, non-corrosive, non-conductive*	0.34	13.95	12.49
2188300	MG Chemicals	No clean flux paste with syringe, 10cc/10ML	8g†	12.49	11.49
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	19.59	17.95
481764	Techspray	Solder flux, dispensing pen, No-clean, resin & halide free leaves no residue*	0.38	9.95	8.95
615224	GC Electronics	Solder flux, liquid, non corrosive, solution of special rosin in alcohol*	2	9.95	8.95
615232	GC Electronics	Solder flux, liquid, non corrosive, solution of special rosin in alcohol*	16	26.95	24.95
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	12.95	11.49
2098208	Chipquik	Solder paste, 63% SN, 37% PB, no clean 10cc w/ syringe*	0.34	27.95	24.95
2098224	Chipquik	Solder paste, 63% SN, 37% PB, no clean 10cc w/ syringe, water washable*	0.34	29.95	26.95
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

Test/Tools



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

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	17.95	15.95
2208307	Proto Dough-1000G	1000 gram bag	34.95	31.95

* Workshop Chemicals — Enter Web Code YAQ * Heat Sink Compounds — Enter Web Code YBA * Cleaning Tools — Enter Web Code CLE