1 - ELECTRICAL TERMINAL CRIMP KIT

- Heavy duty ratcheting crimper with rubber handles (E300-002)
- 30 Butt splices 22-16 AWG
- 20 Butt splices 16-14 AWG
- 15 Butt splices 12-10 AWG
- 50 Ring terminals 22-16 AWG (#6)
- 50 Ring insulated 16-14 AWG (#8)
- 20 Ring terminals 12-10 AWG (#10)

An economical electrical terminal kit that includes a heavy-duty ratcheting crimper (Type A) with rubber comfort grips, plus an assortment of insulated terminals and splices. Crimper features an adjusting wheel to control pressure, plus a safety release mechanism.

No. E500-037 ....

2 - ECONOMY RATCHET CRIMPERS

Powerful full-ratcheting crimper with safety release and adjustable crimp pressure. Very comfortable rubber handles and ergonomic design makes it easy to install multiple terminals without fatigue.

No. E300-002 ....Insulated Terminals (Type A) ....
No. E300-003 ....BNC Terminals (Type B).......................
No. E300-005 .... Open Barrel Terminals (Type C) ....
No. E300-054 ....Frame Only ....

3 - PROFESSIONAL ERGONOMIC CRIMPER

Full-ratcheting crimper with an ergonomic angled shape that reduces the exertion required to crimp terminals by as much as 60%. Adjustable crimp pressure control wheel with safety release. Comfortable rubber handles will not slip or stress your hand.

No. E902-152 ....Insulated Terminals (Type A) ....
No. E902-137 ....BNC Terminals (Type B).......................
No. E902-138 .... Open Barrel Terminals (Type C) ....
No. E902-085 ....Frame Only ....

4 - TERMINAL CRIMPER DIES

These replacement dies will fit into the Professional Ergonomic Crimpers (E902 series), as well as the Economy Ratchet Crimpers (E300 series). Each die is drop forged from tool steel an hardened.

No. E300-058 ....Insulated Terminals (Type A) ....
No. E300-038 ....BNC Terminals (Type B).......................
No. E300-039 .... Open Barrel Terminals (Type C) ....

NOTE: Use the table below to select the correct crimper for your application.

TYPE	DESCRIPTION	FIG
A	**Insulated Terminals & Splices**: 22-10 AWG red, blue and yellow terminals and splices.	
B	**Coax Terminals**: BNC, TNC, Mini-UHF, RG-58, 141, 142, 303, 400, 59, 62, 210, RG6, 212, 222, 304, Belden 8279, 8281, 9231, 9141.	
C	**Open Barrel Contacts**: 30-20 AWG pins and sockets found in most AMP, MOLEX, ITT, Cannon, and other connector plugs.	

5 - XCELITE® CRIMPERS

U.S. made Xcelite crimpers are used throughout the aviation industry to install terminals and splices of all types. Features full-cycle ratchet to ensure a complete crimp every time. Meets or exceeds UL® standards for terminals from Molex, AMP, ITT, 3M, T&B, and others.

No. MAC2210.......Insulated Terminals (Type A) ....
No. MIC3020BL.. Open Barrel Terminals (Type C)............

6 - MILBAR® MULTI-PURPOSE ELECTRICAL CRIMPER

The Multi-Purpose Crimper will crimp open barrel, closed barrel, or flag terminals. It also has a bolt cutter section to cut bolt sizes: 4-40,6-32,8-32,10-32 & 10-24.

No. 25E ....
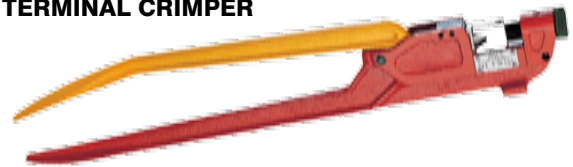
7 - HEAVY GAUGE RATCHETING CRIMPER

Powerful ratcheting crimper makes short work of attaching terminals to heavy gauge wires and cables in sizes AWG 12-10, 8, 6, and 4.

No. E902-089 ....
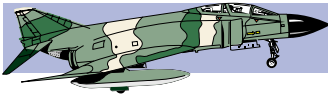
8 - LUG TERMINAL CRIMPER

All metal tool, for crimping terminals to heavy gauge wires from size AWG8 to 250MCM. Adjustable depth knob controls the amount of crimping. Includes built-in go-no-go gauge. 22" Overall length.

No. E300-107 ....

1 - MULTI-FUNCTION WIRE STRIPPER/CRIMPER

Self-adjusting wire stripper safely removes insulation from AWG 24 to 10 wires. Crimper section installs insulated and non-insulated terminals from AWG 22 to 10 Steel construction.
No. E200-070 ....

2 - AUTOMATIC WIRE STRIPPER

Classic style wire stripper cleanly removes insulation from wires in sizes AWG-22, 16, 14, 12, 10 and 8. Constructed of Die Cast Aluminum for durability.

No. E200-003 ....

3 - WIRE STRIPPER/CUTTER

This innovative new tool is a heavy-duty wire cutter with a wire stripper built into the handle. At only 6" long, it fits the hand very comfortably. The cutting jaws are forged from stainless steel, which is hardened and honed to an exceptionally sharp edge that easily cuts up to 14 AWG copper wire. At the other end is an automatic stripper that cuts and removes insulation from 26 AWG to 14 AWG wire.

No. ELB250 ....

4 - LINEMAN'S PLIERS

These heavy-duty pliers (also known as Kliens Pliers) are the workhorse tool of electricians who use them as wire cutters, pliers, and even as a hammer. Built-in wire cutter is capable of cutting up to 8AWG copper wire. Precision joint will not loosen even under heavy pounding. Comfortable rubber grip handles also acts as electrical insulators.

No. E100-005 ....

5 - INSULATED SCREW HOLDING SCREWDRIVERS

A set of 5 insulated screwstarters/screwholders. Great for installing or removing terminal and mounting screws without dropping them Fully insulated shaft and handles reduces potential for accidental short-circuits, or possible electrical shocks

No. E800-151 ....

6 - CLOSED BARREL D-SUB CRIMPER

Ratcheting, 4-indent, spring-loaded crimper used to install machined terminal pins in D-Subminiature connectors. Installs to AWG 20-26 wires. Standard plugs 6 & 8 position.
No. E300-015 ....

7 - D-SUB INSERTION/EXTRACTION TOOL

Handy tool for installing and removing pins from D-Subminiature housings. Simply place over pin press lightly and pull pin out.
No. E900-065 ....

8 - COAX CABLE STRIPPER

Twin blade design safely removes the outer and inner insulation from coaxial cables. Just clip it onto the cable, and give it a couple of spins to prepare the coax for a BNC connector. Works with RG-58/59/62/and 6 cables.
No. E200-004 ....

9 - BNC CONNECTION/REMOVAL TOOL

Use this tool to get at BNC connectors in tight areas. Securely holds the BNC terminal an allows you to tighten or loosen from up to 12" away.
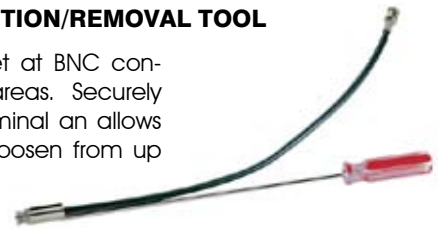
No. E800-050 ....

10 - INSULATED FORCEPS
• Hemostat locking design
• Surgical Stainless Steel
• Insulated handles
• Serrated jaws
• 6" OAL
No. E900-181 ....(straight) ....
No. E900-222 ....(curved)................................

11 - PRECISION TWEEZERS

Surgical stainless steel. Ideal for picking up and holding small parts.
No. E900-204 ....(set of 4)................................

1 - WELLER® SOLDERING STATION

- Variable power 5-40 watts.
- Lightweight pencil iron
- Cushioned foam grip with replaceable heating element
- Replaceable tip

No. WLC100 ....

2 - WELLER® PROFESSIONAL SOLDERING GUN KIT

- Professional dual heat gun produces 260 or 200 watts.
- Fingertip trigger selects high or low
- Ready to use in 6 seconds
- Twin lights illuminate work
- Heavy duty plated copper tip
- Includes 1 soldering tip, 1 smoothing tip, 1 cutting tip, flux brush, soldering aid tool, and a roll of lead-free solder
- 7 year warranty

No. D550PK ....

3 - PORTASOL® SOLDERING KIT

Portable Butane soldering iron kit with 1001 uses. Great multi-purpose tool.

- Push button piezo ignition
- 25 to 75 watts in 45 seconds
- Up to 1 hour use per charge
- Includes mini blow torch tip, hot knife tip, hot air tip & deflector, sponge, tray, tool holder, & case.

No. P2KC .... (Complete Kit) ....

4 - WELLER® PRO CORDLESS SOLDERING IRON

Portable battery operated soldering iron is perfect for field maintenance work.

- 950 °F heat in under 15 seconds
- 150 solder joints per battery set
- White LED illumination light
- Includes batteries, lead free solder, 2 tips, and wrench.
- 7 year warranty

No. BP860MP ....(Soldering Iron) ....
No. BP10 .... (Replacement Tip) ....

5 - DIGITAL DISPLAY SOLDERING STATION

An economic soldering station with top quality features such as ceramic heating and digital temperature display.

- Temperature range 320 - 896 °F
- Quick start ceramic heater
- Anti bacteria silicone handle
- 48W power consumption
- Replaceable tip

No. E902-092 ....

6 - ESD SAFE SOLDERING STATION

The stabilized precise temperature control of this station makes it suitable for use with delicate circuitry without danger of overheating.

- Electrostatic Discharge (ESD) safe.
- Temperature range 482 - 896 °F
- Quick start ceramic heater
- Precision temperature controller
- 50W power consumption
- Replaceable tip

No. E902-093 ....

7 - DESOLDERING TOOL

Great for electrical repair work where wires or components must be removed and resoldered. One-shot vacuum action cleanly removes excess solder from the work area.

No. E900-001N ....

8 - 3M WIRE MARKER TAPE WITH DISPENSER

A fast, convenient method for marking wire, cable, and terminals. Tape has numbers from 0 through 9. Self adhesive, oil and solvent resistant.

No. 233A2 ....

9 - PORTABLE HANDS-FREE MAGNIFIERS

DISCONTINUED

No. E900-214 .... (3" 2.5X Gooseneck) ....
No. E902-094 ....(3.5" 2X Helping Hands)...................
No. E902-240 .... (5" 2X Folding Inspector)...................
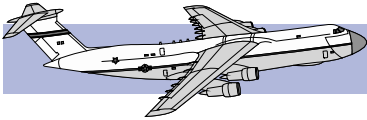
1 - PRECISION ELECTRICAL PLIERS

(a)   (b)   (c)   (d)

Excellent quality pliers for delicate work on electronic circuits and wiring. Drop forged from high grade steel with mirror polished surface, oil hardened and tempered. Easy open double leaf springs.

Part No.	Fig.	Size	Type	Price
E100-012	a	6"	Slim needle-nose	$
E100-013	a	5.5"	Needle nose	$
E100-015	b	5.5"	Flat nose	$
E100-016	c	5.5"	Round nose	$
E100-014	d	5.5"	Bent nose	$

2 - PRECISION ELECTRICAL CUTTERS

(a)   (b)   (c)   (d)

Manufactured from high grade steel with mirror polished surface, induction hardened cutting edges with hot-formed box joints.

Part No.	Fig.	Size	Type	Price
E200-057	a	4.5"	Full-flush diag cutters	$
E200-058	b	4.5"	Slim full-flush cutters	$
E200-059	c	5"	Full-flush side cutters	$
E200-060	d	5"	Oblique end nippers	$

3 - WIRE CATCHING NIPPERS

Heavy duty nippers with wire catching clip to trap snipped wire ends befofe they can fly off and cause damage.

No. 2178M ....(Xcelite® Brand, USA) ....
No. E200-082 .... (Heavy Duty ESD Safe) ....

4 - ELECTRONIC MAINTENANCE FIELD KIT

A complete field maintenance kit for on the spot electrical repairs.

• 7 Pc Hex Key Set
• 5" Side Cutters
• 6" Combination Pliers
• 6" Long nose Pliers
• Desoldering Pump
• Soldering Iron, Stand & Solder
• PVC Electrician's Tape
• Digital Multimeter
• 8 Pc Screwdriver Set
  (3 Phillips, 3 Flat, 2 Nutdrivers)
• Zippered carrying case

No. E500-032 ....

5 - CANNON PLUG PLIERS

Designed to safely install and remove Cannon plug collars. Made of non-sparking steel alloy for total safety. Also incorporates removable plastic inserts which will grip on smooth, oily or serrated surfaces. Adjustable from 3/4" to 2-1/2" grip diameter.

No. AT508K .... (ATI Brand) ....
No. 52910N ....(Crescent® Brand).......................

6 - BATTERY TERMINAL SOCKET

Patented socket removes and installs battery terminals without damage to the nuts or posts. Unique torque-limiting feature makes it less likely to strip the nut or snap the stud

No. AGE01 ....

7 - SCHAUER® BATTERY CHARGERS

DX5   K324   TB10024

Built to last, Schauer battery chargers feature integrated transformer assembly featuring unitized construction, AC and DC circuit breaker protection, rugged steel construction, flush-mount ammeters, and a durable baked-on enamel finish.

NO.	DESCRIPTION	PRICE
DX5	6, 12, 24V at 10 amps	$
TB10024	Automatic 24V at 10 amps	$
K324	Automatic 24V at 5 amps	$

8 - SCHAUER BATTERY CHARGER/STARTER

Designed specifically for heavy-duty applications requiring a versatile battery charger with enough amperage to start a dead engine. The battery charger section features a one-hour timer with a continuous charge position. It will charge all types of 6, 12 and 24 volt batteries. The convenient low charge rate switch allows you to charge a battery with very little danger of overcharging, while the high charge rate switch will quickly revive a dead battery. The starter section provides up to 300 Amps of current.

No. FCL800 ....
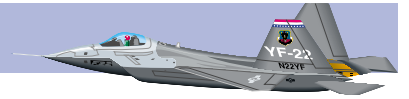
1 - IMPERIAL® BATTERY CABLE CUTTER

A powerful set of cutters specifically designed to cut through copper battery cables. Easily cuts through cables as thick as 2/0 gauge. Cushioned grips for comfort. Not for use on steel cables. Manufactured in USA by Imperial.

No. BS103...

2 - IMPERIAL® BATTERY TERMINAL LUG CRIMPER

Heavy duty lug crimper securely attaches all types of battery terminals. Simply install the lug over the end of the prepared cable and insert the assembly into the jaw of the crimper and strike the driving wedge firmly with a hammer to swage a crimp. Confirm quality of crimp by reading the depth scale on the side of the tool. Very easy to use and it will last a lifetime. Manufactured in USA by Imperial.

No. BS104...
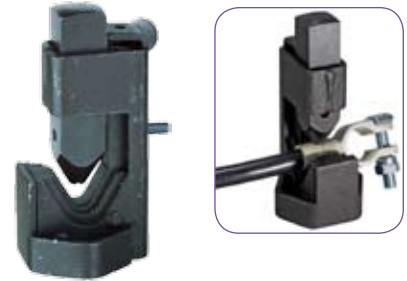
3 - HEAVY DUTY DIGITAL MULTIMETER

This rugged multimeter is designed to give reliable, accurate readings under the most extreme conditions. The case is double-injection molded and it also has a removable heavy vinyl casing to guard against impact. Measures voltage, amperage, resistance, continuity, capacitance, temperature, frequency, and diode checks. Positive stop rotary switch selects any of over 40 different functions. 1 year warranty.

- VAC 0-700V (2.5%)
- VDC 0-1000V (1.5%)
- AC current 0-10A (2.5%)
- Resistance 0-200MΩ (2.5%)
- Capacitance 1-20μF (4.0%)
- Large 3-1/2 digits LCD display
- 10MΩ input impedance
- DC current 0-20A (1.5%)
- Frequency 0-20kHZ (1.5%)
- Temperature -68°F to 1832 °F (2.5%)

No. E400-047 ....

4 - ECONOMY AUTORANGING MULTIMETER

A well-built, low cost multimeter that's excellent for tracking down electrical problems, or testing circuit voltages. It has all of the features of the more expensive units, but at slightly less accuracy. So, if you don't have a need for laboratory precision in your electrical work, then this tool will get the job done. 1 year warranty

- VAC 0-750V (2.5%)
- VDC 0-1000V (1.5%)
- AC current 0-10A (2.5%)
- Resistance 0-40MΩ (2.5%)
- Capacitance 1-100μF (4.0%)
- Large 3-1/2 digits LCD display w/Auto shutoff
- 10MΩ input impedance
- DC current 0-20A (2.0%)
- Frequency 0-20kHZ (2.5%)
- Temperature 0°F to 1800 °F (2.5%)

No. E902-243 ....

5 - ANALOG MULTIMETER

Analog multimeters may not be as accurate as their digital counterparts, but you can't beat them for giving you instant visual cues about what's going on in a bad circuit. Just watching that needle can tell you if you've got an intermittent short, an oscillating power supply, or any of the hundreds of other "analog" conditions that you just can't easily see by watching the numbers of a digital multimeter. 1 year warranty

- VAC 0-1000V
- VDC 0-1000V
- DC current 0-20A
- Capacitance 2000μF
- Patented vibration-proof protection circuit
- AC current 0-10A
- Resistance 0-10KΩ
- Battery Tester (1.5V and 9V)

No. E902-136 ....