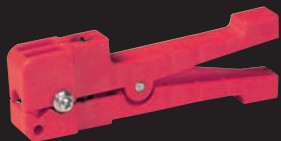




PRECISION WIRE PROCESSING



SINCE 1916



The way every job should be.



Performance

Every day, you count on your wire processing tools to be reliable and accurate. We go to great lengths to make sure each of our products upholds those standards and remains simple and easy-to-use. After all, you should be spending your time concentrating on the job, not the tools.

Product

When you buy IDEAL, you get more than a quality instrument. Service is part of all products bearing the IDEAL logo. We provide a free wire application service to help you decide which of our products will solve your needs. We also offer helpful seminars and in-field training to help you get the most from our tools.

Pride

IDEAL has been fulfilling wire processing needs since the 1950s. In fact, we were the first to manufacture the die-type blades critical to early aerospace requirements. We continue to work with aerospace engineers to develop even tighter tolerances for wire stripping. That dedication will always be a part of the IDEAL name.

Outstanding products, comprehensive technical service and the trusted name of IDEAL – The way every job should be.



www.idealindustries.com



Production Tools

Precision Wire Stripping	Pages 4-11
Hand Tools	Pages 12-20
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DataComm

DataComm	Pages 23-27
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Test & Measurement

Test & Measurement	Pages 28-38
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Engineering Service

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IDEAL Wire Stripper Selection Guide

The type of wire to be stripped and the type of stripping required (commercial or precision) will help determine the appropriate stripping tool for your application.

Insulation type, concentricity of insulation, conductor overall diameter and adherence of insulation determine how precisely a wire can be stripped.

Wire/Cable - Type "E" Teflon® (600V)			Hand Wire Strippers		
Bench Wire Strippers	Cat. No.(s)	Page No.		Cat. No.(s)	Page No.
Stripmaster® Model 950™ Wire Stripper	45-950, 45-950-1	5	Custom Stripmaster® Wire Strippers	45-176 thru 45-178	7
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6	Custom Stripmaster® Lite Wire Strippers	45-600 Series	8
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6			
Type "EE" Teflon® (1000V)					
Stripmaster® Model 950™ Wire Stripper	45-950, 45-950-1	5	Custom Stripmaster® Wire Strippers	45-173 thru 45-175	7
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6	Custom Stripmaster® Lite Wire Strippers	45-600 Series	8
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6			
Aircraft & Special "MIL-spec" Wire Includes: Kapton®, Kynar® Poly X, Milene, 300V Teflon®					
STP Stripping System	45-930	4	Custom Stripmaster® Wire Strippers	45-170 Series	7
Stripmaster® Model 950™ Wire Stripper	45-950, 45-950-1	5	Custom Stripmaster® Lite Wire Strippers	45-600 Series	8
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6			
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6			
Fluorinated Ethylene Propylene Includes: FEP, FEPB					
Stripmaster® Model 950™ Wire Stripper	45-950, 45-950-1	5	T®-Stripper Wire Strippers	Various	19
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6	Stripmaster® Wire Strippers	45-090 Series	12, 13
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6	Stripmaster® Lite Wire Strippers	45-670 Series	12, 13
			Custom Stripmaster® Wire Strippers	45-170 Series	7
			Custom Stripmaster® Lite Wire Strippers	45-630 Series	8
Hook-up Wire (Thermo Plastic) Includes: MW, TEW, THWN, TW, HF, HW, MTW, T, TF, TEF, TFFN, THW, XHHW					
Stripmaster® Model 950™ Wire Stripper	45-950, 45-950-1	5	T®-Stripper Wire Strippers	Various	19
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6	Stripmaster® Wire Strippers	45-090 Series	12, 13
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6	Custom Stripmaster® Wire Strippers	45-170 Series	7
			Maxim® Wire Stripper	45-327	18
Heater Cord 2&3 Conductor Includes: HPN, HSO, HC, HPD, HS, HSJ, HSJO					
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6	T®-Stripper Wire Strippers	Various	19
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6	Stripmaster® Wire Strippers	45-090 Series	12, 13
			Stripmaster® Lite Wire Strippers	45-670 Series	12, 13
			Grip-N-Strip™ End Stripper	45-227	18
			Custom Steel Stripmaster® Wire Strippers	45-800 Series	9

Free Application Engineering Service

We'll study your specific application requirements and quickly provide you with a practical stripping, cutting or crimping recommendation designed to meet your needs. Remember, this is a FREE service that we're eager to provide. We invite you to take advantage of this service whenever you need it.

See page 40, or for immediate assistance, call our technical service hotline at 800-338-4495.

IDEAL Wire Stripper Selection Guide

Non-Metallic Sheathed Bench Wire Strippers			Hand Wire Strippers		
	Cat. No.(s)	Page No.		Cat. No.(s)	Page No.
			Grip-N-Strip™ End Stripper	45-227	18
			Reflex™ Premium T®-Stripper	45-415 thru 45-417	18
STP (Outer Jacket)					
STP Stripping System	45-930	5	Ringer™ Shielded Cable Stripper	45-400 Series	16
Power Cords (rubber, neoprene or thermo plastic) Includes: S, SJ, SJT, R, RF, RFH, RH, RHD, RHH, RHW, NRHW, RJ, RM, RP, RS, RU, RUH, RUW, RWS, SA, SD, SDN, SE, SF, SFF, SJO, SJTO, SO, SOW, SPC, SR, SRD, SRDT, ST, STO, SU, SUO, SUT, SW, SWO, SWT, USE, W, WP, RHM, RM, G					
<i>Inner Conductors:</i>			<i>Outer jackets depending on range:</i>		
Stripmaster® Model 950™ Wire Stripper	45-950, 45-950-1	5	Round Cable Slitting and Ringing Tool	45-144, 45-128, 45-129	16
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6			
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6	<i>Inner Conductors:</i>		
			T®-Stripper Wire Strippers	Various	19
			Stripmaster® Wire Strippers	45-090 Series	12, 13
2-Conductor Lamp Cord Includes: POJSJ, PLSJ, PL, POSJX, SP-1, SP-2, SP-3, SPT-2, SPT-3, POT					
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6	Stripmaster® Wire Strippers	45-095, 45-089, 45-270	12
			Custom Steel Stripmaster® Wire Strippers	45-800 Series	9
3-Conductor Lamp Cord Includes: SP-1, SP-2, SP-3, SPT-1, SPT-2, SPT-3					
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6	Stripmaster® Wire Strippers	45-095	12
			Custom Steel Stripmaster® Wire Strippers	45-800 Series	9
Rubber Insulated Fixture Wire Includes: FF-1, FF-2, FFH-1, FFH-2					
Stripmaster® Model 950™ Wire Stripper	45-950	5	T®-Stripper Wire Strippers	Various	19
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6	Stripmaster® Wire Strippers	45-090 Series	12, 13
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6			
Power Cables with Hard Insulations Includes: Kapton®, Teflon®, Hard Nylon, PE, XLP, XLPE					
			Coaxial Cable Stripper (up to 9/16" O.D.)	45-164	17
Multi Layer Fiberglass, Nylon, PVC					
Stripmaster® Model 950™ Wire Stripper	45-950	5	Stripmaster® Wire Strippers	45-090 Series	12, 13
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6			
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6			
Wire used in wire wrap operations, twisted pair					
Stripmaster® Model 950™ Wire Stripper	45-950	5	Custom Stripmaster® Wire Strippers	45-169, 45-179	7
Pow-R-Lite™ Pneumatic Wire Stripper	45-850	6	Custom Stripmaster® Lite Wire Strippers	45-631, 45-641	8
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6			
Coaxial Cable					
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6	Coaxial Cable Strippers	45-162 thru 45-164	17
			Coax Strip & Crimp Tool	30-433	16
			Coax Stripmaster® Wire Stripper	45-262 thru 45-266	12
			Coax Strippers	45-520, 521, 526, 527	24
Ribbon Cable (Flat Cable)					
Pow-R-Master® Pneumatic Wire Stripper	45-2521	6	Custom Steel Stripmaster® Wire Strippers	45-890 thru 45-895	9
Magnet Wire, Film Insulation					
			Handi-Grip™ Wire Skinner	45-021	14

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 Kynar® is a registered trademark of Pennwalt Corp.
 Toggle® and Cyclops® are registered trademarks of Toggle Tools.

STP Stripping System

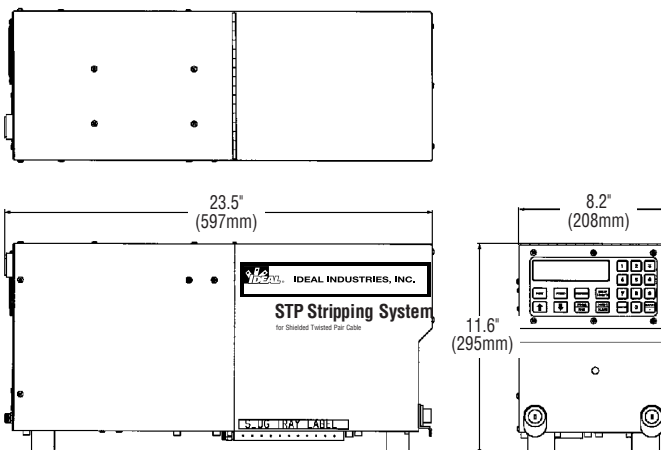
- Programmable Shielded Twisted Pair cable stripping system meets strict tolerances
- Hot-blade thermal stripping system adjusts to protect shielded wire for accurate stripping every time
- Automatically adjusts for cable up to .3125 in. (7.9mm)
- Adjusts for strip length of 1.25 in. to 6 in. (31.7 to 152.4mm)
- Cycles in as little as 6 seconds
- Stores up to 500 batch programs
- Features Password Security System
- Fits in a 24 in. workspace
- RS-232 Serial Data Communications Port



Description	Cat. No.
Shielded Twisted Pair Cable Stripping System w/one set of blades, one set of front and rear gripper pads, power cord, 6 ft. air hose, slug ejector tray, IDEAL T [®] -Cutter Lite Wire Cutter, keys and an operation manual	45-930
Air Regulator	45-906
Replacement Blade Set	K-7763
Replacement Front Grip Pad (2 required)	LA-2408
Replacement Standard Rear Grip Pad (6 required)	LA-2414
Replacement Optional Firm Rear Grip Pad (6 required)	LA-2808

Accessories	Blade	Cat. No.
Ringer [™] Shielded Cable Stripper, 5 Mil insulation, includes Blade	K-6492	45-401
Ringer [™] Shielded Cable Stripper, 8-10 Mil insulation, includes Blade	K-6493	45-402
Ringer [™] Shielded Cable Stripper, Cable diameters up to 0.12 in.	sold separately	45-400
Ringer [™] Shielded Cable Stripper, Cable diameters from 0.12 in. to 0.22 in.	sold separately	45-403
Ringer [™] Shielded Cable Stripper, w/"deep V" for cable diameters up to 0.30 in.	sold separately	45-404
T [®] -Cutter Lite Wire Cutter	N/A	45-260
IDEAL Gripper [™] Slug Remover	N/A	45-333

Technical Data	
Strip Lengths:	Minimum: 1.25 in. (31.7mm) Maximum: 6.00 in. (152.4mm)
Strip Diameter Range:	Minimum: 0.06 in. (1.5mm) Maximum: 0.3125 in. (7.9mm)
Voltage:	Selectable power supply is equipped with an EIC power line receptacle and can easily switch between 110-120V 60Hz. to 220-240V 50Hz.
Air Requirements:	Air must be clean, dry and pressure regulated to 100 PSI. An optional air regulator (IDEAL Part No. 45-906) is available.
Blade type:	Thermal/mechanical
Dimensions:	Width: 8.2 in. (208mm) Depth: 23.5 in. (597mm) Height: 11.6 in. (295mm)



Stripmaster® Model 950 Wire Stripper

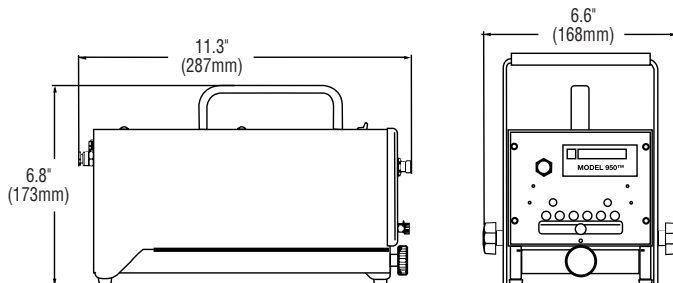
- Pneumatic precision wire stripper automatically strips 30 AWG through 10 AWG solid or stranded wire
- Accommodates six different wire diameters without switching tool or blade sets
- Electronic triggering for easy and accurate strips
- Meets military and commercial wire stripping specifications
- Replaceable wire guide and blades for maximum flexibility
- Controls strip length accurately from .125 in. min to .630 in. max
- Enclosed blade and stripping area
- Individual adjustable strip lengths for each port
- Eliminate repetitive motion disorders



Description	Cat. No.
Stripmaster® with individually adjustable strip lengths per stripping hole*	45-950
Stripmaster® with external adjustment knob for common strip length adjustment*	45-950-1
Permanent Gripper Assembly	45-950-4
Accessories	
Standard blade and bushings	Consult Factory
Flat bushings	Consult Factory
Air filter/regulator	45-906
220V, 50Hz Transformer	45-951
T®-Cutter Lite Wire Cutter	45-260
Hex Key Set	691.020
12V Adapter (transformer)	K-7156

* 3 Feet of wire for each stripping hole must be supplied at time of order.

Technical Data	
Strip Lengths:	Minimum: .125 in. (3mm) Maximum: .63 in. (16mm)
Capacities:	Minimum: 30 AWG (.05mm ²) Maximum: 10 AWG (6.0mm ²)
Accuracy:	Meets Military Specifications in most applications.
Voltage:	12V required for operation. 120V/60Hz. transformer supplied as standard. For 220V/50Hz. application, order 45-951 transformer.
Air Pressure:	65 PSI max.
Air Filter:	Recommended, but not required.
In-line Oiler:	Not required.
Blade type:	Heat treated steel knife or die-type blades are available.
Guide Bushings:	Precision molded and machined Delrin.
Dimensions:	Width: 6.6 in. (168mm) Depth: 11.3 in. (287mm) Height: 6.8 in. (173mm)



Production Rates		
Production Conditions	Pieces/Hour	Hours/100 Pcs.
Short Strip 1/8 in. (3mm)	2,200-3,000	.033-.040
Medium Strip 1/4 in. (6mm)	2,000-2,200	.046-.056
Long Strip 1/2 in. (13mm)	1,500-1,700	.059-.067

Pow-R-Lite™ Pneumatic Wire Stripper



- Versatile production stripper meets commercial, OEM, communications, aerospace and military requirements
- Lightweight aluminum/zinc construction
- One-touch lever actuation reduces repetitive motion and operator fatigue
- Strips PVC type 30 AWG through 12 AWG solid or stranded wire (.05 to 4.0mm)
- Strips Teflon® type 16 AWG through 30 AWG stranded wire
- Includes coil air line
- Will accommodate Stripmaster® Lite and Custom Stripmaster® Lite blades
- Blade sets sold separately

Description	Cat. No.
Pow-R-Lite™ Pneumatic Wire Stripper	45-850
Air Regulator	45-906

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Pow-R-Master® Pneumatic Wire Stripper

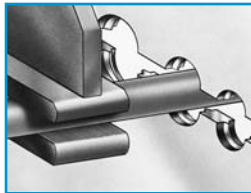


- Versatile production stripper meets commercial, OEM, communications, aerospace and military requirements
- Strips 30 AWG through 10 AWG solid or stranded wire (.05 to 2.6mm)
- One-touch lever actuation
- Includes coil air line
- Uses all standard Stripmaster® and Custom Stripmaster® blades
- Blade sets sold separately

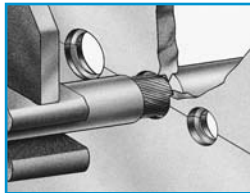
Description	Cat. No.
Pow-R-Master® Pneumatic Wire Stripper	45-2521
Air Regulator	45-906

Custom Stripmaster® and Custom Stripmaster® Lite Wire Strippers

- Strips 30 through 10 AWG solid or stranded wire
- Die-type blades allow precision stripping
- Counter-bored holes sized to insulation and inner stripping hole sized to conductor
- Counter-bored holes precisely center conductor to prevent unwanted conductor contact
- Replaceable Grippers
- Optional short stop latch and transparent wire stop
- Cushioned, comfort grip handles
- Custom Stripmaster® Lite is 3/4's the size of Custom Stripmaster® Wire Stripper and strips 16 through 30 AWG solid or stranded wire
- Requires one-third less hand pressure for each strip actuation
- MIL-spec blades assure accuracy and precision
- Engineering Service and made-to-order blades available.
Contact factory for complete product and blade number listing



Gripper pads hold the wire securely in a centerline relationship with the blade.



Die-type blades incorporate a counter-bored hole sized to the insulation and an inner cutting hole sized to the conductor. This varies depending on insulation type and thickness.



Custom Stripmaster® Wire Strippers and Die-Type Blades

Specifications — $\frac{\text{Cutting Hole Diameter}}{\text{Counterbore Diameter}}$ (Inches)													
Wire Size AWG											Stripper Cat. No.	Blade Only Cat. No.	
30	28	26	24	22	20	18	16	14	12	10			
For Type E Teflon® (660V)													
								$\frac{.076}{.0935}$	$\frac{.096}{.113}$	$\frac{.119}{.136}$	45-176	L-5559	
		$\frac{.023}{.039}$	$\frac{.028}{.043}$	$\frac{.034}{.052}$	$\frac{.042}{.0595}$	$\frac{.052}{.070}$	$\frac{.061}{.081}$				45-177	L-5560	
$\frac{.016}{.032}$	$\frac{.019}{.035}$	$\frac{.023}{.039}$									45-178	L-5561	
For Type EE Teflon® (1000V)													
								$\frac{.076}{.104}$	$\frac{.096}{.125}$	$\frac{.119}{.144}$	45-173	L-5562	
		$\frac{.023}{.0465}$	$\frac{.028}{.055}$	$\frac{.034}{.0595}$	$\frac{.042}{.067}$	$\frac{.052}{.0785}$	$\frac{.061}{.089}$				45-174	L-5563	
$\frac{.016}{.042}$	$\frac{.019}{.043}$	$\frac{.023}{.0465}$									45-175	L-5564	
For Other Misc. Insulations													
								$\frac{.076}{.113}$	$\frac{.0937}{.138}$	$\frac{.116}{.154}$	45-170	L-5210	
		$\frac{.022}{.052}$	$\frac{.0292}{.0595}$	$\frac{.035}{.0635}$	$\frac{.042}{.073}$	$\frac{.052}{.086}$	$\frac{.062}{.096}$				45-171	L-5211	
$\frac{.016}{.037}$	$\frac{.020}{.040}$	$\frac{.024}{.043}$									45-172	L-5436	
For Wire Wrap & Other Thin Insulated Wire													
$\frac{.012}{.020}$							Three identical holes				45-179	L-7625	
$\frac{.012}{.019}$	$\frac{.014}{.023}$	$\frac{.018}{.025}$	$\frac{.024}{.033}$				Solid Wires				45-169	L-9300	

Tolerances: Cutter Dia.: $\pm .001$; Counter-bore Dia.: $\pm .002$

The 45-170 Series is a Custom Stripmaster® Wire Stripper frame without the short stop latch and wire stop.

45-169 through 45-188 include grit-type pads (standard).

45-369 through 45-388 include file-type pads.

45-469 through 45-488 include parallel-type pads.



Custom Stripmaster® Wire Strippers and Die-Type Blades

Specifications — Cutting Hole Diameter Counterbore Diameter (Inches)											Stripper Cat. No.	Blade Only Cat. No.		
mm² Nom														
0.05	0.08	0.13	0.2	0.22	0.5	1.0	1.5	2.5	4.0	6.0				
For Type E Teflon® (660V)											45-176	L-5559		
								$\frac{1.93}{2.37}$	$\frac{2.44}{2.87}$	$\frac{3.02}{3.45}$				
		$\frac{.584}{.99}$	$\frac{.711}{1.09}$	$\frac{.863}{1.32}$	$\frac{1.07}{1.5}$	$\frac{1.33}{1.78}$	$\frac{1.55}{2.06}$						45-177	L-5560
$\frac{.406}{.813}$	$\frac{.482}{.889}$	$\frac{.584}{.99}$												
For Type EE Teflon® (1000V)											45-173	L-5562		
								$\frac{1.93}{2.64}$	$\frac{2.44}{3.17}$	$\frac{3.02}{3.6}$				
		$\frac{.584}{1.17}$	$\frac{.711}{1.39}$	$\frac{.863}{1.5}$	$\frac{1.07}{1.70}$	$\frac{1.33}{1.99}$	$\frac{1.55}{2.49}$						45-174	L-5563
$\frac{.406}{1.07}$	$\frac{.482}{1.09}$	$\frac{.584}{1.17}$												
For Other Misc. Insulations											45-175	L-5564		
								$\frac{1.93}{2.87}$	$\frac{2.38}{3.45}$	$\frac{2.94}{3.91}$				
		$\frac{.560}{1.33}$	$\frac{.736}{1.5}$	$\frac{.889}{1.61}$	$\frac{1.07}{1.85}$	$\frac{1.33}{2.18}$	$\frac{1.57}{2.44}$						45-171	L-5211
$\frac{.406}{.940}$	$\frac{.508}{1.01}$	$\frac{.609}{1.09}$												
For Wire Wrap & Other Thin Insulated Wire											45-172	L-5436		
$\frac{.305}{.508}$								Three identical holes					45-179	L-7625
$\frac{.305}{.482}$	$\frac{.356}{.584}$	$\frac{.457}{.635}$	$\frac{.609}{.838}$											
											45-169	L-9300		

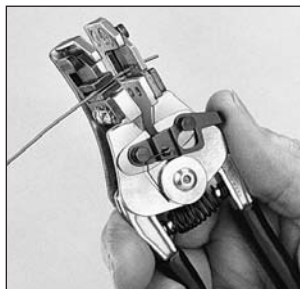
Tolerances: Cutter Dia.: ± .025mm; Counterbore Dia.: ± .051mm

Custom Stripmaster® Lite Wire Strippers and Die-type Blades

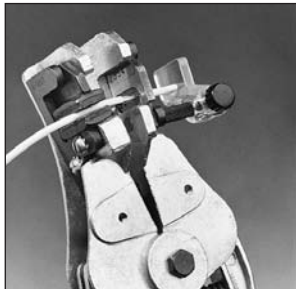
Specifications — Cutting Hole Diameter Counterbore Diameter (Inches)								Stripper Cat. No.	Blade Only Cat. No.
Wire Size AWG									
30	28	26	24	22	20	18	16		
MIL-W-16878 Type E 600V Teflon® Wire									
				.034 .052	.042 .0595	.052 .070	.061 .081	45-638	LB-918
		.023 .039	.028 .043	.034 .052	.042 .0595			45-639	LB-919
.016 .032	.019 .035	.023 .039	.028 .043					45-640	LB-920
MIL-W-16878 Type EE 1000V Teflon® Wire									
				.034 .0595	.042 .067	.052 .0785	.061 .089	45-635	LB-915
		.023 .0465	.028 .055	.034 .0595	.042 .067			45-636	LB-916
.016 .042	.019 .043	.023 .0465	.028 .055					45-637	LB-917
General Purpose									
				.035 .0635	.042 .073	.052 .086	.062 .096	45-632	LB-912
		.022 .052	.0292 .0595	.035 .0635	.042 .073			45-633	LB-913
.016 .037	.020 .040	.024 .043	.0292 .0595					45-634	LB-914
Wire Wrapping (Thin Insulation Solid Wire)									
.012 .020						Four holes, same size		45-641	LB-921
.012 .019	.014 .023	.018 .025	.024 .033			Solid Wires		45-631	LB-911

Tolerances: Cutter Dia.: ± .001; Counterbore Dia.: ± .002. Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.

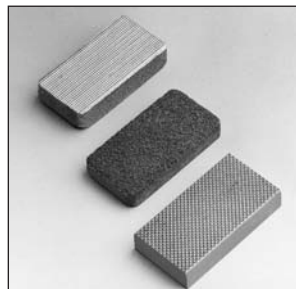
Custom Stripmaster® Wire Stripper Accessories



Short-stop Latch protects wire strands by limiting the stripping stroke to 5/32 in. and retains the slug until the wire is ready for terminating.



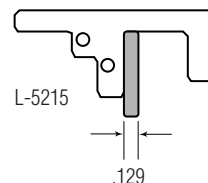
Transparent wire stop provides uniform stripping length.



Gripper Pads are available in your choice of either parallel, file or grit-type. File-type pads may be used on hard-to-grip insulations such as Kapton® and some Teflon®.

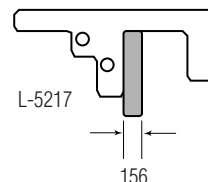
Stationary Gripper for Red Handle Units

For 10, 12 & 14 AWG Wire



Stationary Gripper for Black Handle Units

For 16 thru 30 AWG wire.



Replacement Gripper Pads

For Custom Stripmaster® and Custom Steel Stripmaster® Wire Strippers			
Surface Type	Gripper Set* Cat. No.	Movable Gripper Cat. No.	Stationary Gripper (Thickness)
Grit**	LB-197	L-5212	L-5215 (.129 in.)
Grit**	LB-198†	L-5212	L-5217 (.156 in.)
File	LB-721	LB-718	LB-719 (.129 in.)
File	LB-722‡	LB-718	LB-720 (.156 in.)
Parallel	LB-730	LB-727	LB-728 (.129 in.)
Parallel	LB-731	LB-727	LB-729 (.156 in.)

For Custom Stripmaster® Lite Wire Strippers

Surface Type	Gripper Set* Cat. No.	Movable Gripper Cat. No.	Stationary Gripper (Thickness)
Grit*	LB-1188	LB-882	LB-883 (.109 in.)
File	LB-1189	LB-1184	LB-1185 (.109 in.)
Parallel	LB-1190	LB-1186	LB-1187 (1.09 in.)

* Gripper Set includes...

** Grit pads are standard for all products

† Formerly L-7954

‡ Formerly L-8928. These are for use on hard-to-grip surfaces such as Kapton® and Teflon®.

Gripper pad selection depends on insulation type and user preference.

Note: For wire gauge 10-14, use .129 in. stationary gripper.

For 16-30 AWG, use .156 in. gripper.

Teflon® and Kapton® are registered trademarks of E. J. du Pont de Nemours and Company.

Replacement Frame Assemblies

For Custom Stripmaster® Wire Strippers	Cat. No.
Frame only, 10-14 AWG	L-5616
Frame only, 16-30 AWG	L-5617
Frame only, 10-14 AWG, Wire Stop and Latch	L-5618
Frame only, 16-30 AWG, Wire Stop and Latch	L-5619
Frame only, 16-30 AWG, internal spring (see note)	L-9038
Frame only, 10-14 AWG, internal spring (see note)	L-9039

Note: Frames with internal springs allow additional blade penetration pressure for difficult, and multi-layered insulation types.

For Custom Stripmaster® Lite Wire Strippers	Cat. No.
Frame only	LB-895
Frame only, Wire Stop and Latch	LB-896

For Custom Steel Stripmaster® Wire Strippers	Cat. No.
Frame only, 10-14 AWG	LB-1091
Frame only, 16-30 AWG	LB-1092
Frame only, 10-14 AWG, internal spring (see note)	LB-1090
Frame only, 16-30 AWG, internal spring (see note)	LB-1089

Note: Frames with internal springs allow additional blade penetration pressure for difficult, and multi-layered insulation types.

Optional Accessories

Short Stop Latch	Cat. No.
Frame only, 10-14 AWG	L-5269
Frame only, 16-30 AWG	LB-1194

Transparent Adjustable Wire Stop Assembly	Cat. No.
For Custom & Custom Steel Stripmaster® Wire Strippers	L-5270
For Custom Stripmaster® Lite Wire Strippers	LB-1195

Custom Steel Stripmaster® Wire Strippers and Special Flat-Blades for Ribbon and Multi-Conductor Cable

Description	Blade Gap ("x") vertical height	Blade Only Cat. No.	Frame & Blade Cat. No.
Custom Steel frame only	NA	NA	LB-1091
Flat blade for 26 AWG (.40mm dia.) multi-conductor	.022 in.	LB-1151	45-890
Flat blade for 24 AWG (.00mm dia.) multi-conductor	.030 in.	LB-1152	45-891
Flat blade for 22 AWG (.64mm dia.) multi-conductor	.038 in.	LB-1153	45-892
Flat blade for 20 AWG (.00mm dia.) multi-conductor	.050 in.	LB-1154	45-893
Flat blade for 18 AWG (1.02mm dia.) multi-conductor	.060 in.	LB-1155	45-894
Flat blade for 16 AWG (1.29mm dia.) multi-conductor	.075 in.	LB-1156	45-895

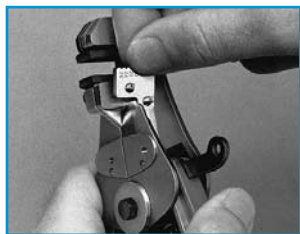
Custom Stripmaster® Wire Stripper and Custom Stripmaster® Lite Wire Stripper MIL-spec reference chart

Wire Specification	Custom Stripmaster® Blade		Custom Stripmaster® Lite Blade	
	Cat. No.	Wire Gauge	Cat. No.	Wire Gauge
MIL-W-81044/4/5/6 MIL-W-5086/1/7	L-5210 L-5211	10-14 AWG 16-26 AWG	LB-912 LB-913	16-22 AWG 20-26 AWG
MIL-W-81044/8/9/10 MIL-W-16878/5 MIL-W-81381/3/4	L-5562 L-5563 L-5564	10-14 AWG 16-26 AWG 26-30 AWG	LB-915 LB-917 LB-917	16-22 AWG 24-30 AWG 34-30 AWG
MIL-W-22759/32/33/44/45/46	45-1987-1 45-1654-1 L-5561	16-26 AWG 16-26 AWG 26-30 AWG	45-2133-1 45-2132-1 LB-920	16-24 AWG 16-24 AWG 24-30 AWG
MIL-81044/11/12/13	45-1611-1 45-2500-1 45-1987-1 L-5561	10-14 AWG 10-14 AWG 16-26 AWG 26-30 AWG	45-2133-1 45-2118-1 LB-920	16-24 AWG 16-24 AWG 24-30 AWG
Raychem 44A021X, 44/051X MIL-W-16878/4 MIL-W-22759/11/12/22/23	L-5559 45-1611-1 L-5560 L-5561	10-14 AWG 10-14 AWG 16-26 AWG 26-30 AWG	45-2138-1 45-2139-1 LB-920	16-24 AWG 18-26 AWG 24-30 AWG
MIL-W-81044/16/17	45-1611-1 45-1610-1	10-14 AWG 16-26 AWG	45-2112-1 45-2113-1 45-2131-1	20-26 AWG 16-22 AWG 16-24 AWG
MIL-W-81381/1/2//6/7/8/9/10/17/21	45-1609-1 45-1551-1 L-5561	10-14 AWG 16-26 AWG 26-30 AWG	45-2124-1 45-2125-1 LB-920	16-22 AWG 20-26 AWG 24-30 AWG
MIL-W-81381/11/12/13/14/22	45-1608-1 45-1654-1 L-5561	10-14 AWG 16-26 AWG 26-30 AWG	45-2114-1 45-2115-1 45-2132-1 LB-920	20-26 AWG 16-22 AWG 16-24 AWG 24-30 AWG
MIL-W-22759/18/19	45-1608-1 45-1551-1	10-14 AWG 16-26 AWG	45-2125-1 45-2612-1 45-2125-1	20-26 AWG 16-24 AWG 20-26 AWG
MIL-W-81381/17/21	45-1523-1 45-1672-1 45-1633-1	16-26 AWG 16-26 AWG 16-26 AWG	45-2020-1 45-2121-1	20-26 AWG 16-24 AWG
MIL-W-81381/18/19/20	45-1609-1 45-1672-1 45-1551-1	10-14 AWG 16-26 AWG 16-26 AWG	45-2124-1 45-2125-1 45-2612-1	16-22 AWG 20-26 AWG 16-24 AWG
MIL-W-22759/16/17	45-1611-1 45-1987-1	10-14 AWG 16-26 AWG	45-2133-1 45-2118-1	16-24 AWG 22-26 AWG
MIL-W-22759/7/8	45-1501-1 45-1500-1	10-14 AWG 16-22 AWG		
MIL-W-5086 TYPE I MIL-W-5086 TYPE II	45-1192-1 45-1159-1 45-1302-1	8-12 AWG 10-14 AWG 16-22 AWG		
MIL-W-24640/19/22/23/24	45-1957-1	14-22 AWG		
MIL-W-85485/5/6/7/8	45-1925-1 45-1924-1	10-14 AWG 16-24 AWG		
MIL-W-85485/9/10/11/12 MIL-W-85485/9/10	45-1611-1 45-1610-1	10-14 AWG 16-24 AWG	45-2131-1	16-24 AWG
BMS 1360 Type 1-6, 19-21, 23-27, 33-34	45-2541-1 45-2543-1	10-14 AWG 16-24 AWG	45-2697-1	16-24 AWG
BMS 1360 Type 12-18, 28-32	45-2542-1 45-2544-1	10-14 AWG 16-24 AWG		
BMS 1360 Type 7-12	45-2565-1 45-2564-1	10-14 AWG 16-26 AWG		
BMS 1360 Type 13-18, 28-32	45-2686-1	16-24 AWG	45-2698-1	16-24 AWG
MIL-W-22759/80/81/82/91/92	45-2542-1 45-2544-1	10-14 AWG 16-24 AWG	45-2693-1 45-2692-1	16-22 AWG 20-26 AWG
MIL-W-22759/83/84/85/86/87/88/89/90	45-2541-1 45-2543-1 45-2618-1	10-14 AWG 16-24 AWG 16-26 AWG	45-2685-1 45-2799-1	16-24 AWG 16-24 AWG
5MDI AIRFRAME Type A & B Medium Wall	45-2691-1	10-14 AWG	45-2685-1	16-24 AWG
5MDI Hook-up Type C Thin Wall	45-2694-1	10-14 AWG	45-2693-1 45-2692-1	16-22 AWG 20-26 AWG
ACT 260 Type 1 ACT 260 Type 2	45-2024-1 45-2025-1 45-2026-1	16-24 AWG 16-24 AWG 12-14 AWG		
PAN TYPE 6411, 6423, 6413	45-1939-1 45-1774-1 45-1952-1 45-1773-1	10-14 AWG 12-14 AWG 16-26 AWG 16-24 AWG		
MIL-W-5M2870	45-2577-1	16-24 AWG		
RAYCHEM 99 M	45-2688-1	16-24 AWG	45-2721-1	16-24 AWG

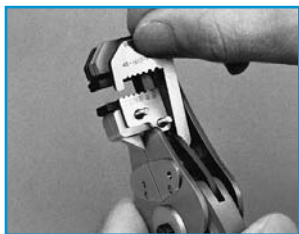
NOTE: The above blades represent the best blade for nominal conductor sizes within the wire spec. tolerance. If the conductor size is over or under the nominal dims. an alternate blade may be required. Please contact our wire stripping applications engineer at 1-800-435-0705 ext. 300 for alternate blades and for blade numbers for MIL-specs. not listed on this chart.

Calibration Procedures

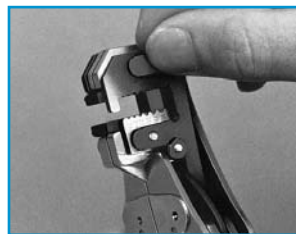
For Custom Stripmaster® and Custom Stripmaster® Lite Wire Strippers with Die-Type Blades



Step 1
Place the lower stationary blade half over the blade mounting studs.



Step 2
The blade dogleg should be attached first then depressed to seat itself. Slightly depress blade handle to allow the blade to be properly seated. Insert the dogleg of the upper movable blade into the locating slot of the side latch.



Step 3
Position the blade retaining plate over the mounting studs. Install split lock-washers and hex nuts onto the mounting studs. Do not tighten hex nuts at this time.



Step 4
First, position the lower blade half cutting surface in line with the lower gripper pad surface by slightly depressing the gripper handle.

Next, depress both handles just enough to allow the top and bottom blade surfaces to meet. (Exerting too much pressure on the handles could force the bottom blade out of alignment.) Now tighten the hex nuts to a maximum torque value of 10 in. lbs.

Step 5

Visually check the upper and lower blade alignment by depressing the blade handle only until the blade surfaces make contact. Leaving the gripper pads in the open position, look at the blade cutting holes and mating surface between holes. This is most effectively accomplished with a light source behind the stripper. Look for light in cracks between the cutting holes. If light can be seen in these areas, inspect the blades' mating surfaces for debris or imperfections. Clean the blades and check for light "leaks" again. If the blades have debris or imperfections, set-up was not correctly performed. In this case, repeat the set-up procedures.

Step 6

The final checking procedure to confirm proper blade set-up and calibration is to perform a series of strips on wire samples for which the blades were designed. In doing so, be sure the one-step stripping action is smooth with positive slug removal. During the stripping process check that the wire does not slip in the grippers and that the wire is not excessively bent by the grippers pads. Finally, closely inspect the stripped wire to be certain there are no nicks, scrapes or other defects in the conductor.

Should any of the above occur, repeat the blade set-up and calibration procedures. Also, be certain that the sample wire is indeed correctly matched with the cutting blades used. Refer to the blade reference charts on pages 10 through 12 for blade selection guidelines.



Optical Comparator

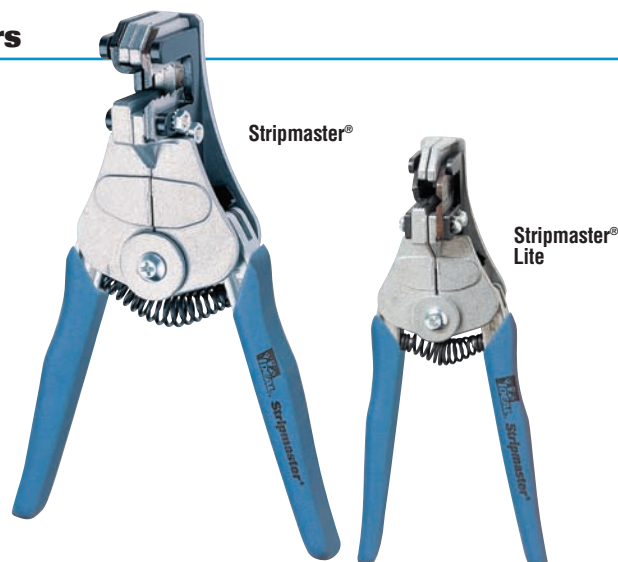
Some customers will have access to an optical comparator which can assist in determining proper blade alignment. In this case, light is used to project blade gap onto a screen. A template affixed to the screen verifies blade hole size and position. A fixture should be used for repeat comparisons. This fixture blocks the moveable blade into the stationary blade.

Caution: Never plug or mechanically gauge blade holes as this could result in blade damage.

With the cutting blades properly set-up and calibrated, the Custom Stripmaster® and Standard Stripmaster® Wire Strippers provide automatic, repeatable and superior quality wire stripping in a wide variety of production applications. Quality control and efficiency are assured.

Stripmaster® and Stripmaster® Lite Wire Strippers

- One-step stripping enhances productivity
- Spring-action motion increases leverage and reduces operator fatigue
- Precision-ground, knife-type blades provide clean, accurate stripping
- Sturdy die cast frame provides long-term durability
- Wire gripper holds wire securely in position
- Stripmaster® Lite designed for smaller hands – 3/4 the size of the standard Stripmaster®



Stripmaster® Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter (Inches)												Cat. No.	Replacement Blades (Pair) Cat. No.
Wire Size AWG													
30	28	26	24	22	20	18	16	14	12	10	8		
									.106	.141	.159	45-090 or 45-290	L-4419
						.073	.073	.085	.105	.144		45-091	L-4420
				.048	.048	.061	.072	.090	.113	.144		45-092 or 45-292	L-4421
				.039	.039	.061	.072	.090				45-093	L-4422
		.026	.032	.039	.048	.061	.072					45-097	L-4994
.016	.021	.026	.032	.039	.048							45-098	L-5361
						.055	.062			.167	.198	45-099	L-8763

Hole diameter tolerances +.001/-.005

Stripmaster® Lite Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter (Inches)													Cat. No.	Replacement Blades (Pair) Cat. No.
Wire Size AWG														
Cutting Edge	20/22	16/18	30	28	26	24	22	20	18	16	14	12		
							.039	.048	.061	.072			45-671	LB-1001
			.016	.021	.026	.032							45-672	LB-1002
						(All stranded wire)			.061	.072	.090	.113	45-673	LB-1003
			(12 & 14 Solid wire, 16 & 18 Stranded wire)						.061	.073	.085	.096	45-674	LB-1004
.250 Wide	.048	.072											45-675	LB-1005

Coax Stripmaster® Wire Strippers and Blades

Description	Coax Cable Type (RGU)	Repl. Blade Cat. No.	Cat. No.
Coax Stripmaster® for RG-6	RG-6	LB-740	45-262
Coax Stripmaster® for RG-58	RG-58	LB-742	45-264
Coax Stripmaster® for RG-59	RG-59	LB-743	45-265
Coax Stripmaster® for RG-62	RG-62	LB-744	45-266
Coax Stripmaster® for RG-6 QuadShield	RG-6 QuadShield	LA-3953	45-282

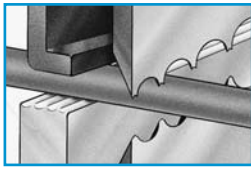
Coaxial Cables: two-step strip for termination, jacket and dielectric.

Stripmaster® Wire Strippers with Rectangular Holes

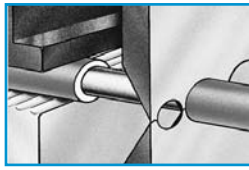
Description	Cat. No.	Replacement Blades (Pair) Cat. No.
For Flat Telephone Cable (.60 in. or 1.52mm)	45-270	LB-1155
For European Flat Lamp Cord	45-089	L-8762
For SP-SPT Lamp Cord	45-095*	L-4452

*Also strips 2- and 3-conductor low-voltage wire used in G.E. and Touchplate remote control wiring system

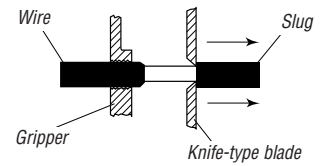
Optional Accessories	Cat. No.
Transparent Adjustable Wire Stop (for Stripmaster® Wire Strippers)	L-5270
Transparent Adjustable Wire Stop (for Stripmaster® Lite Wire Strippers)	LB-1195



Gripper holds the wire securely in position.



Knife-type stripping blades have form-ground holes which penetrate the insulation like a knife, giving a clean insulation cut.



Stripmaster® Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter (mm)												Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.
Wire Size AWG														
30	28	26	24	22	20	18	16	14	12	10	8			
									2.7	3.6	4	45-090 or 45-290	L-4419	L-5620
							1.8	2.3	2.7	3.6		45-091	L-4420	L-5620
					1.2	1.5	1.8	2.3	2.9	3.6		45-092 or 45-292-241	L-4421	L-5620
					1.2	1.5	1.8	2.3				45-093	L-4422	L-5620
					1.2	1.5	1.8					45-097	L-4994	L-5620
0.4	0.5	0.7	0.8	1	1.2							45-098	L-5361	L-5620
						1.4	1.6			4.2	5	45-099	L-8763	L-5620

Stripmaster® Lite Wire Strippers and Knife-Type Blades

Specifications — Stripping Hole Diameter (mm)													Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.
Wire Size AWG															
20/22	16/18	30	28	26	24	22	20	18	16	14	12	Cutting Edge			
						1	1.2	1.5	1.8				45-671	LB-1001	LB-1421
		0.4	0.5	0.7	0.8								45-672	LB-1002	LB-1421
	(All stranded wire)							1.5	1.8	2.3	2.9		45-673	LB-1003	LB-142
	(12 & 14 Solid wire, 16 & 18 Stranded wire)							1.5	1.9	2.2	2.4		45-674	LB-1004	LB-1421
1.2	1.8											6.4 wide	45-675	LB-1005	LB-1421

Stripmaster® Wire Strippers and Knife-Type Blades for Metric Wire

Specifications—Stripping Hole Diameter (mm)														Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.
Wire Size (mm²)																
10	8	6	4	2.5	1.5	1	0.75	0.5	0.34	0.22	0.15	0.1	0.05			
5	4.3													45-090-341 or 45-290-341	L-4419M	LA-2358
		3.6	3	2.4	1.9	1.6	1.3							45-092-341 or 45-292-341	L-4421M	LA-2358
								1.1	1	0.9	0.8	0.7	0.6	45-098-341 or 45-298-341	L-5361M	LA-2358

Stripmaster® Lite Wire Strippers and Knife-Type Blades for Metric Wire

Specifications—Stripping Hole Diameter (mm)									Cat. No.	Replacement Blades (Pair) Cat. No.	Replacement Frame Cat. No.
Wire Size (mm²)											
1.5	1	0.75	0.5	0.34	0.22	0.15	0.1	0.05			
1.9	1.6	1.3	1.1	1					45-671-341	LB-1001M	H-2909
					0.9	0.8	0.7	0.6	45-672-341	LB-1002M	H-2909

Free Application Engineering Service and made-to-order Custom Stripmaster® and Stripmaster® Wire Strippers are available. Contact IDEAL INDUSTRIES, INC. for complete information at 1-800-435-0705.

Thermo-Shrink® Heat Shrink Kit

Kit includes:

- Eleven sizes of thin-wall heat shrinkable tubing disks (3/64" – 1")
- 101 Plus Heat Gun with three different nozzles for controlled temperature ranges — 600°F to 1,250°F (315°C to 675°C)
- Small deflector
- Premium T®-Cutter Wire Cutter



Description	Cat. No.
Kit includes: 45-223, 46-013, 46-923, 46-941, & 46-600 through 46-610	46-007

High-Capacity Heat Guns



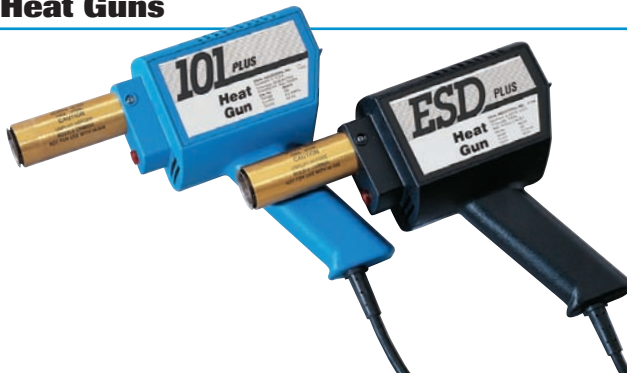
- Increased air volume for broad-range applications
- For all heat shrinkable tubing (including Teflon®)
- Whisper-quiet brushless motor requires no maintenance
- Lightweight balanced design for hand-held or bench use
- Thermally insulated nozzles interchange quickly with color-coding to identify heat ranges — 700°F to 1,100°F (370°C to 595°C)
- Safety grounded, non-metallic housing
- Asbestos-free insulated construction
- Deflectors and adapters available for heat concentration and solder-sleeve applications

Specifications

Dimensions	10-3/8" long (264mm) 9" high (229mm)
Weight	3-1/2 lbs. (1.6kg)
Input	120V 60 Hz., 12.5 amps 220V, 50 Hz., 6.0 amps
Motor	Shaded pole
Nozzle Length	4-3/8" (111mm)
Nozzle Opening	1-1/4" dia. (32mm)
Cord Length	7 ft. (2m)

Description	Cat. No.
High-Capacity Heat Gun w/gold nozzle 120V, 60 Hz., 12.5A, UL Listed	46-021
High-Capacity Heat Gun w/gold nozzle 220V, 50 Hz., 6.0A	46-022

101 Plus Heat Guns



- For applications with specific heat requirements or small target areas — perfect for electronic assembly
- Exclusive brushless motor minimizes both motor noise and maintenance
- Thermally insulated nozzles interchange quickly with color-coding to identify heat ranges — 600°F to 1,250°F (315°C to 675°C)
- Balanced design eliminates operator fatigue
- Impact-resistant housing stands up to rugged environments and the demands of industrial work

Specifications

Dimensions	8-3/4" long, (222mm) 7-3/4" high (197mm)
Weight	2 lbs. (0.9kg)
Input	120V, 60 Hz., 4.5 amps 220V, 50/60 Hz., 2.0 amps
Motor	Shaded pole
Nozzle Length	3-7/8" (98.5mm)
Nozzle Opening	1" dia. (25.5mm)
Cord Length	7 ft. (2m)

Description	Cat. No.
101 Plus Heat Gun w/gold nozzle 120V, 60 Hz., 4.5A, UL Listed	46-013
101 Plus Heat Gun w/ESD case & gold nozzle 120V, 60 Hz., 4.5A, UL Listed	46-113
101 Plus Heat Gun w/gold nozzle 220V, 50/60 Hz., 2.0A	46-014
Heat Gun stand for 46-013 & 46-014	46-105

Heat Gun Nozzles and Adapters



- Thermally insulated interchangeable nozzles
- Color-coded to identify heat ranges – 600°F to 1,250°F (315°C to 675°C)
- Adapters and reflectors for heat concentration and solder-sleeve applications

Suggested Nozzles for Heat Shrinkables

Type Tubing	Common or Trade Designation	Approximate Shrink Temperature	Suggested Heat Nozzle
Polyester	Mylar	175°F (80°C)	Green
Polyvinyl Chloride	PVC Vinyl	250°F (120°C)	Gold
Irradiated Polyvinyl Chloride	PVC Vinyl	250°F (120°C)	Gold
Polytetrafluoroethylene	Teflon® PTFE TFE	621°F (330°C)	Red
Polyfluorinated Ethylene Propylene	FEP	300°F (150°C)	Gold
Polyvinylidene Fluoride	Kynar®	350°F (175°C)	Gold
Irradiated Polyolefin	—	275°F (135°C)	Gold
Irradiated Neoprene	—	350°F (175°C)	Gold
Irradiated Silicone	—	350°F (175°C)	Gold
Irradiated Butyl	—	250°F (120°C)	Gold

Nozzles for 120V, 101 Plus Heat Gun (46-013 and 46-113)

Color	Nominal Temp. Range	BTU/Joule	Wattage	Cat. No.
Green	600°–800°F (315°–425°C)	1,110/1,170	325	46-921
Gold	800°–1,000°F (425°–540°C)	1,620/1,710	475	46-922
Red	1,000°–1,250°F (540°–675°C)	1,790/1,890	525	46-923

Nozzles for 220V, 101 Plus Heat Gun (46-014)

Color	Nominal Temp. Range	BTU/Joule	Wattage	Cat. No.
Green	600°–800°F (315°–425°C)	840/886	245	46-924
Gold	800°–1,000°F (425°–540°C)	1,140/1,203	335	46-925
Red	1,000°–1,250°F (540°–675°C)	1,380/1,888	405	46-926
Silver (240V only)	1,000°–1,250°F (540°–675°C)	1,540/1,625	450	46-927

Nozzles for 120V, High-Capacity Heat Gun (46-021)

Color	Nominal Temp. Range	BTU/Joule	Wattage	Cat. No.
Gold	700°–900°F (370°–480°C)	3,690/3,890	1,080	46-932
Red	900°–1,100°F (480°–595°C)	4,910/5,180	1,440	46-933

Nozzles for 220V, High-Capacity Heat Gun (46-022)

Color	Nominal Temp. Range	BTU/Joule	Wattage	Cat. No.
Gold	700°–900°F (370°–480°C)	3,690/3,890	1,080	46-934
Red	900°–1,100°F (480°–595°C)	4,910/5,180	1,440	46-935
Red (240V only)	900°–1,100°F (480°–595°C)	4,910/5,180	1,440	46-936

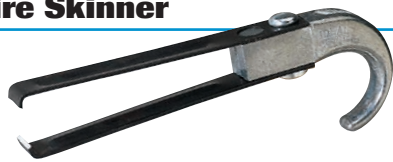
Adapters for Heat Guns

Description	Cat. No.
Solder sleeve adapter for 46-013 & 46-014	46-940
Small deflector – 1-1/4 in. (32mm) diameter	46-941
Large deflector – 2 in. (51mm) diameter	46-942
Cone adapter – 1 in. (25mm) opening	46-943
Pin point adapter – 1/4 in. (6mm) opening	46-944*
Solder sleeve adapter for 46-021 & 46-022	46-945

*For use with 46-021 & 46-022 High-Capacity Heat Guns only

Handi-Grip™ Wire Skinner

- Cuts and strips insulation
- Scrapes wire and straightens kinks and sharp bends
- Strips enamel, Formvar and Formex



Description	Cat. No.
Handi-Grip™ Wire Skinner	45-021
Replacement blade set	L-554

Round Cable Slitting and Ringing Tool



- Cuts around cable jacket as well as slits the length of jacket for easy removal
- Use with single or multiple conductor cable up to 1.75 in. O.D.
- Blade adjusts for jacket thicknesses up to .125 in.
- Spare blade in handle base

Description	Cat. No.
Round Cable Slitting and Ringing Tool	45-144
Cable Stripper for 1/4 in. to 3/4 in. O.D.	45-128
Replacement Blades for 45-144 (2/pkg.)	LB-1748
Replacement Blades for 45-128 and 45-129 (2/pkg.)	L-7486
Cable Stripper for 3/4 in. to 1-1/2 in. O.D.	45-129

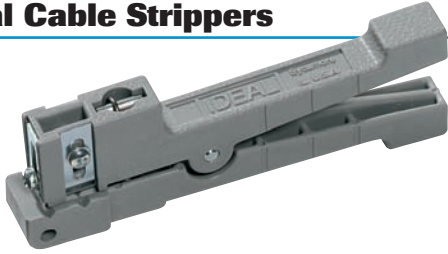
Coaxial Strip & Crimp Tool



- Cuts, strips and crimps connectors on RG-59 and RG-6 coaxial cable
- Durable blades cut copper-coated steel conductors
- Two precision form-ground stripping holes remove outer PVC or polyethylene jacket material from RG-59 or RG-6 cable
- Third stripping hole removes inner plastic insulation from RG-59 or RG-6 cable without nicking center conductor
- Two crimping nests marked for cable size perform a "one-squeeze" crimp on standard "F" series fasteners
- Third nest crimps ring terminals, or can also be used to grasp RG-6 cable and aid in connector installation
- Comfortable, cushion-grip handles

Description	Cat. No.
RG-59 & RG-6 Coax Strip & Crimp Tool	30-433

Coaxial Cable Strippers

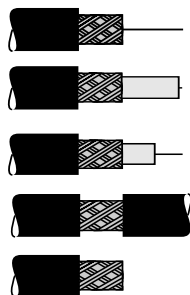


- Lightweight, compact, cost-effective stripper is simple to operate
- Adjustable blades can be set for any depth to help ensure nick-free strips
- Use with twisted-pair wire, tightly wrapped stranded cables, CATV cable, CB antenna cable, SO, SJ, SJT, and other types of flexible power cords
- Includes three straight and one round blade

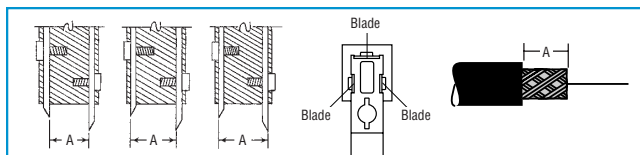
Description	Typical RG Cables	Cat. No.
Coaxial Cable Stripper, up to 1/8 in. (3.2 mm) O.D.	RG-174, RG-187	45-162 (Gray)
Coaxial Cable Stripper, 1/8 in. (3.2 mm) to 7/32 in. (5.556 mm) O.D.	RG-58, CB Antenna Cable	45-163 (Blue)
Coaxial Cable Stripper, 1/4 in. (6.4 mm) to 9/16 in. (14.3 mm) O.D.	RG-8	45-164 (Blue)
Cable Stripper, 3/16 in. (4.8 mm) to 5/16 in. (8 mm) O.D.	RG-59, UTP Cable	45-165 (Black)
Replacement blade set* for 45-162, 45-163, 45-165	—	L-9225
Round slitting blade for 45-162, 45-163, 45-165	—	L-9212
Replacement blade set* for 45-164	—	L-9226
Round slitting blade for 45-164	—	L-9214

*A set of blades consists of three straight blades and one round blade.

1. Coaxial Cables: two-step strip for termination, jacket and dielectric
2. Coaxial Cable: two-step strip for termination, jacket and shield
3. Coaxial Cable: three-step strip for termination. The three-step strip can be accomplished in one of two ways
4. Coaxial Cable - window (center) strip
5. Stranded Wrapped Cable-end strip



A typical 2-step strip. For 3-step strips, set the right hand blade to cut braid. Use the Stripmaster® Wire Stripper to strip dielectric.



Three blade mounting configurations to obtain different "A" distances.

NOTE 1. All dimensions "A" are $\pm .005$ " Wider dimensions "A" can be obtained by spacing with spare blades or appropriate shim stock. Narrower dimensions "A" are special order. Please contact IDEAL.

NOTE 2. By flipping one or both blades around, dimension "A" can be varied from 0.230 in. to 0.275 in. (5.84mm to 6.98mm) on 45-162, 45-163 and 45-165, and 0.48 in. to 0.53 in. (12.19mm to 1.35mm) on 45-164.

Seven-In-One Stripper



- Versatile, seven-function tool features precision-ground stripping blades, cushioned grips and plier nose
- Strips 6 to 16 AWG solid and 8 to 18 AWG stranded wire
- Crimps bare and insulated terminals for 10 to 22 AWG wire, RG-59 coax connectors and 7 to 8mm auto ignition connectors
- Cuts unhardened wire, bolts and screws (4-40, 6-32, 8-32, 10-24 and 10-32) and reforms threads
- Cuts stranded, solid, Romex® and U.F. wire to 6 AWG
- Reams and de-burrs conduit
- Gauges and loops wire
- Cushioned, comfort-grip handles

Description	Cat. No.
Seven-In-One Stripper	45-777

Combo Tool



- Convenient, four-function tool features precision-ground stripping holes and knife-to-anvil cutting blades
- Crimps bare and insulated terminals
- Strips 8 to 20 AWG solid and 10 to 22 AWG stranded wire
- Cuts unhardened bolts (4-40, 6-32, 8-32, 10-24 and 10-32) and reforms threads
- Cushioned, comfort-grip handles

Description	Cat. No.
Combo Tool	30-428

Grip-N-Strip™ End Stripper



- Self-adjusting stripping blades automatically select proper position
- Strips 12 AWG solid to 20 AWG stranded PVC insulated wire
- Dual strip-length gauge marks at 3/16 in. and 5/16 in.
- Cuts up to 12 AWG solid wire
- Lightweight, ergonomic design reduces user fatigue
- Reinforced fiberglass construction
- Hardened steel blades for extra strength and longer life

Description	Cat. No.
Grip-N-Strip™ End Stripper	45-227
Leather holster	45-301
Replacement blade set	LB-1501

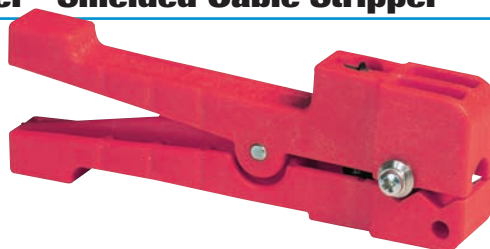
Maxim Wire Stripper



- Uses 33 blades within each jaw to self-adjust and conform to the profile of different wire sizes and insulation densities
- Self-adjusting blades strip 10 to 26 AWG solid or stranded wire
- Built-in wire cutter
- Strip length adjusts from 1/8 in. to 3/4 in.
- Reinforced fiberglass construction

Description	Cat. No.
Maxim Wire Stripper	45-327
Replacement blade set	LA-2524

Ringer™ Shielded Cable Stripper



- Precision stripping of most non-round cable, including extruded Teflon®, Kapton®, Tefzel®, Kynar® and high-temperature insulated cable
- Spring-loaded head provides even tension
- Heat-treated, stainless-steel blades resist wear
- Fixed blades are sized to insulation thickness for accurate stripping
- V-notch jaw automatically positions and holds cable
- Wire guide roller maintains stripping head alignment for square, clean cuts

Description	Blade	Color	Cat. No.
Cable Stripper, 5 Mil insulation, includes Blade	K-6492	(Orange)	45-401
Cable Stripper, 8-10 Mil insulation, includes Blade	K-6493	(Yellow)	45-402
Cable Stripper, Cable diameters up to 0.12 in.	sold separately	(Blue)	45-400
Cable Stripper, Cable diameters from 0.12 in. to 0.22 in.	sold separately	(Red)	45-403
Cable Stripper, w/"deep V" for cable diameters up to 0.30 in.	sold separately	(Green)	45-404

Replacement Blades

Cutting Depth	Cat. No.	Cutting Depth	Cat. No.	Cutting Depth	Cat. No.
.0030 in.	K-6491	.0090 in.	K-6496	.0140 in.	K-6501
.0044 in.	K-6492	.0100 in.	K-6497	.0160 in.	K-6502
.0060 in.	K-6493	.0110 in.	K-6498	.0180 in.	K-6503
.0070 in.	K-6494	.0120 in.	K-6499	.0200 in.	K-6504
.0080 in.	K-6495	.0130 in.	K-6500	.0220 in.	K-6505
				.0250 in.	45-2108-1

Select blade with cutting depth less than insulation thickness.

Wire-stops

Strip Length	Cat. No.
Up to 2-1/2 in.	LB-825
2-1/2 in. to 5 in.	LB-840

IDEAL Gripper™

Description	Cat. No.
Slug Remover	45-333

Teflon® and Kapton® are registered trademarks of E.I. du Pont de Nemours and Company. Kynar® is a registered trademark of Pennwalt.

T[®]-Stripper Wire Strippers



- Form-ground, knife-type blades for accurate, easy stripping without nicking insulation
- Built-in wire cutter and looping holes
- Convenient plier nose for extra gripping strength
- Laser-etched wire gauge for easy-to-read visibility
- Spring-loaded automatic opening
- Corrosion-resistant, black oxide finish
- Tough steel construction
- Locking tabs keep spring in place

Description	Wire Range	Cat. No.
T [®] -5 T [®] -Stripper	10-18 AWG solid	45-120
T [®] -6 T [®] -Stripper	16-26 AWG stranded	45-121
T [®] -7 T [®] -Stripper	22-30 AWG solid	45-125
T [®] -8 T [®] -Stripper	8-16 AWG stranded	45-124
T [®] -Stripper – Metric	0.75-6mm ²	45-120-341
T [®] -Stripper – Metric	0.5-4mm ²	45-125-341

Premium T[®]-Stripper Wire Strippers



All of the T[®]-Stripper features plus:

- Contoured, comfort-grip handles to reduce operator fatigue

Description	Wire Range	Cat. No.
Premium T [®] -5 T [®] -Stripper	10-18 AWG solid	45-215
Premium T [®] -6 T [®] -Stripper	16-26 AWG stranded	45-216
Premium T [®] -7 T [®] -Stripper	22-30 AWG solid	45-217
Premium T [®] -8 T [®] -Stripper	8-16 AWG stranded	45-218

Super T[®]-Stripper Wire Strippers



All of the T[®]-Stripper features plus:

- 6-32 and 8-32 self-chasing screw-cutting holes
- Curved, cushion-grip handles for ergonomic comfort
- Locking pawl to keep stripper in closed position

Description	Wire Range	Cat. No.
Super T [®] -5 T [®] -Stripper	8-16 AWG solid	45-315
Super T [®] -8 T [®] -Stripper	8-16 AWG stranded	45-318
Super T [®] -Stripper – Metric	0.5-4mm ²	45-310-341
Super T [®] -Stripper – Metric	0.75-6mm ²	45-315-341
Super T [®] -Stripper – Metric	0.5-4mm ²	45-317-341

Super T[®]-Stripper Wire Strippers—Static Dissipative



All of the Super T[®]-Stripper features plus:

- Static dissipative grips for dispersing static charge buildup through the operator to the ground (operator must be grounded via wrist strap or other grounding device)

Description	Wire Range	Cat. No.
Super T [®] -6 T [®] -Stripper w/static dissipative grips	16-26 AWG stranded	45-316
Super T [®] -7 T [®] -Stripper w/static dissipative grips	22-30 AWG solid	45-317

Reflex™ Premium T®-Stripper Wire Strippers



- Ergonomic design for maximum comfort
- Curved handles to reduce wrist fatigue
- Sleeves that extend to stripping head to cushion thumb and fingers
- Textured, no-slip sleeves for a sure, easy grip

Description	Wire Range	Cat. No.
Reflex™ Premium T®-Stripper	10-18 AWG solid	45-415
Reflex™ Premium T®-Stripper (10 pc. clip strip)	10-18 AWG solid	45-415CS
Reflex™ Premium T®-Stripper	16-26 AWG stranded	45-416
Reflex™ Premium T®-Stripper	22-30 AWG solid	45-417
Reflex™ Premium T®-Stripper	8-16 AWG stranded	45-418
Reflex™ Premium T®-Stripper – Metric	0.5mm ² -4.0mm ²	45-425-341
Reflex™ Premium 14/2 NM Cable T®-Stripper	—	45-448
Reflex™ Premium 12/2 NM Cable T®-Stripper	—	45-449
Reflex™ Premium T®-Cutter	—	45-423

NM Cable T®-Stripper Wire Strippers



- Easy, one-step stripping of outer jacket of NM cable – no slitting required
- Versatility to strip, cut and loop conductor wires with precision and ease
- Stripping holes for 12 or 14 AWG solid wire

Description	Cat. No.
14/2 NM Cable T®-Stripper	45-248
14/2 NM Cable T®-Stripper (10 pc. clip strip)	45-248CS
12/2 NM Cable T®-Stripper	45-249
12/2 NM Cable T®-Stripper (10 pc. clip strip)	45-249CS
Reflex™ Premium 14/2 NM Cable T®-Stripper	45-448
Reflex™ Premium 12/2 NM Cable T®-Stripper	45-449
Reflex™ Super 12/2 & 14/2 NM Cable T®-Stripper	45-621

Reflex™ Super T®-Stripper Wire Strippers



- 6/32 and 8/32 self-chasing screw-cutting holes
- Locking pawl for safe storage
- Ergonomic design for maximum comfort
- Curved handles to reduce wrist fatigue
- Sleeves that extend to stripping head to cushion thumb and fingers
- Textured sleeves with extra cushioning for added comfort

Description	Wire Range	Cat. No.
Reflex™ Super T®-Stripper	8-16 AWG solid	45-615
Reflex™ Super T®-Stripper w/static dissipative grips	16-26 AWG stranded	45-616
Reflex™ Super T®-Stripper w/static dissipative grips	22-30 AWG solid	45-617
Reflex™ Super T®-Stripper	8-16 AWG stranded	45-618
Reflex™ Super 12/2 & 14/2 NM Cable T®-Stripper	12-2 and 14-2 solid	45-621

NM Cable Dual-Hole T®-Stripper Wire Strippers



- Stripping holes for stripping two 12 AWG or two 14 AWG wires simultaneously
- Ability to strip both conductor wires of NM cable at one time
- Contoured, comfort grip handles on Premium model

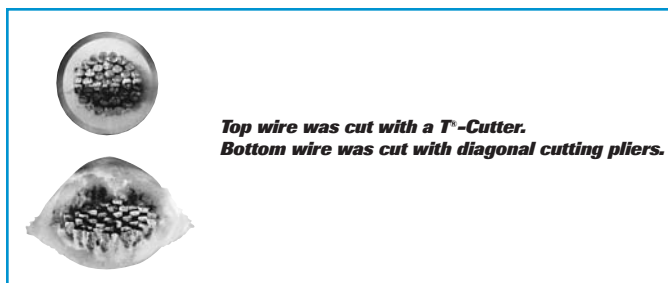
Description	Wire Range	Cat. No.
T®-12 T®-Stripper	12 or 14 AWG solid	45-246
Premium T®-14 T®-Stripper	12 or 14 AWG solid	45-247

T®-Cutter Wire Cutters



- Hardened steel, sheer-type blades
- Spring-loaded automatic opening
- Convenient plier nose for extra gripping strength
- Corrosion-resistant, black oxide finish
- Tough steel construction
- Locking tab keeps spring in place
- Premium model features comfort-grip handles; Super model features curved cushion-grip handles; Reflex™ Premium model features ergonomic design with textured cushion-grip handles

Description	Wire Range	Cat. No.
T®-Cutter	Up to 1/2 in. O.D. fine-stranded wire and 10 AWG solid wire	45-123
Premium T®-Cutter	Up to 1/2 in. O.D. fine-stranded wire and 10 AWG solid wire	45-223
Super T®-Cutter w/static dissipative grips	Up to 1/2 in. O.D. fine-stranded wire and 10 AWG solid wire	45-323
Reflex™ Premium T®-Cutter	Up to 1/2 in. O.D. fine-stranded wire and 10 AWG solid wire	45-423



T®-Cutter Lite Wire Cutter



In today's cutting-edge electronic production and assembly operations, the T-cutter Lite is a "must-have." Stranded or solid, copper or aluminum, this wire cutter cuts cleanly and accurately. Compact and lightweight with a cushioned ESD grip prove comfort and precision go hand-in-hand.

- Knife-type blade provides a shear-type cut
- Lightweight, compact design
- Perfect for copper and aluminum wire
- Cushioned ESD grip

Description	Cat. No.
T®-Cutter Lite Wire Cutter	45-260

Data T®-Cutter



- Cuts round communication cable and maintains cable geometry for better cable performance
- Blade cutting capabilities suitable for soft cables (not ACSR)
- Steel reinforced center conductors can be trimmed with bolt cutting holes
- Cushioned comfort grip handles
- Locking latch keeps tool closed in pouch

Description	Wire Range	Cat. No.
Data T®-Cutter	Multi-pair cable up to .500 in. (12.7mm), Coaxial cable up to RG-9/U	45-074
Data T®-Cutter II	Up to RG-58 and RG-6 coaxial cable	45-075

Ratcheting Cable Cutter

- Cuts hand drawn copper up to 400 KCMIL (MCM) and soft copper, aluminum and multiple conductor cable up to 600 KCMIL (MCM)
- Hardened steel blades ensure consistent cuts and long-term durability
- Rounded blade design minimizes cable distortion during cutting
- Quick release mechanism simplifies blade back-out
- Locking mechanism keeps handles closed for easy storage
- Ergonomic, non-slip handles provide excellent grip and comfort



Description	Cat. No.
400 KCMIL (MCM) Ratcheting Cable Cutter	35-056
Replacement blade	35-085

Not for cutting steel or ASCR

Battery Powered Cable Cutter

- Cuts up to 750 KCMIL hard-drawn copper and up to 1,000 KCMIL copper and aluminum
- Hardened steel blades ensure consistent cuts and long-term durability
- Blade brush keeps debris out of blade area
- Tough plastic housing withstands rugged use
- Three-way switch allows for partial cuts, adjustments and backing off cable
- 12V battery rated for 1,000 charges
- Wrist loop provides added security when cutting overhead cable



Description	Cat. No.
Battery Powered Cable Cutter Kit (Includes cutter, battery, 120V charger, carrying case)	35-064
Battery Powered Cable Cutter Kit (Includes cutter, battery, 220V charger, carrying case)	35-070
Battery Powered Cable Cutter	35-067
Battery only	35-065
120V Battery charger	35-068
220V Battery charger	35-074
Replacement moving blade	35-071
Carrying case	35-073

Not for use on ASCR cable

Ratcheting Cable Cutters

- Hardened steel blades ensure consistent cuts and long-term durability
- Rounded blade design minimizes cable distortion during cutting
- Quick release mechanism simplifies blade back-out
- Locking mechanism keeps handles closed for easy storage
- High-leverage foot provides stability and leverage when making multiple cuts
- Ergonomic, non-slip handles provide excellent grip and comfort
- 750 KCMIL Ratcheting Cable Cutter is designed to cut 750 KCMIL (MCM) and smaller hard-drawn copper and aluminum cables



Description	Cat. No.
750 KCMIL (MCM) Ratcheting Cable Cutter	35-053
Holster	35-024
Replacement blade	35-057

Not for cutting steel or ASCR

CAUTION: Comfort-grip handles are not designed for protection against electrical shock. Do not use on live circuits.

Telemaster™ Telephone Tools & Kits



- Multi-function tool cuts, strips and crimps for easy on-the-job, one-tool application.
- Steel frame for long-term durability. (Crimps primary modular plug strain relief only)

Description	Kit Cat. No.	Tool Only Cat. No.
Tool for RJ-11 (1, 2, 3 pair) and RJ-45 (4 pair) plugs	33-700*	30-496
Tool for RJ-45 (4 pair) and DECconnect MMJ (RJ-11, 3 pair)	N/A	30-497
Tool for RJ-11 (1, 2, 3 pair) and DECconnect MMJ (RJ-11, 3 pair)	N/A	30-498
Tool for RJ-22 (handset) and RJ-11 (1, 2, 3 pair)	N/A	30-499
Replacement Cut and Strip Blade Set for Telemaster™	N/A	LB-1747

*Kit includes 10 modular plugs each (85-351, 85-352, 85-353).

Ratchet Telemaster™



- For paired conductors
- Ratchet version of popular Telemaster™ Tool for RJ-45 and RJ-11 modular plugs
- Repeatabe crimp action for consistent, high quality connections

Description	Cat. No.
Ratchet Telemaster™	30-696

Coax Stripmaster® Wire Strippers



- Speeds two step cable stripping of RG-6, RG-58, RG-59 or RG-62 coaxial cable
- Spring-action operation grips and strips in one motion
- Knife-type blades feature multiple hole diameters sized for two step removal of outer jacket insulation and center conductor
- Specific blades strip specific cable sizes

Description	Coax Cable Type (RGU)	Repl. Blade Cat. No.	Cat. No.
Coax Stripmaster® for RG-6	RG-6	LB-740	45-262
Coax Stripmaster® for RG-58	RG-58	LB-742	45-264
Coax Stripmaster® for RG-59	RG-59	LB-743	45-265
Coax Stripmaster® for RG-62	RG-62	LB-744	45-266
Coax Stripmaster® for RG-6 QuadShield	RG-6 QuadShield	LA-3953	45-282

Coaxial Cables: two-step strip for termination, jacket and dielectric.



Coax Strippers



- Adjustable coax wire strippers allow blade adjustment for 2 or 3-step stripping of RG-58, RG-59/RG-62, Belden® 8281®, Twinax or RG-6 coaxial cable
- Specific adjustments needed for each cable size

Description	Replacement Cassette	Cat. No.
Coax Stripper - 3 Step - For Popular Dual Crimp BNC and TNC connectors - Strips braid 0.240 in. or 6 mm and Dielectric 0.240 in. or 6 mm	45-522 (Black)	45-520
Coax Stripper - 3 Step - For Popular Dual Crimp BNC/TNC and Thinnet BNC connectors - Strip is for MIL-C-39012 connectors - Strips braid 0.328 in. or 8.2 mm and dielectric 0.109 in. or 2.7 mm	45-523 (Brown)	45-521
Coax Stripper - 2 Step - For F-Type, many single Crimp BNC/TNC's, Twist-on BNC/TNC's, Twinax and UHF connectors - Strips 0.250 in. or 6.35 mm	45-524 (Blue)	45-526
Coax Stripper - 2 Step - For most Twinax and UHF connectors - Strips 0.480 in. or 12 mm	45-525 (Green)	45-527
Coax Stripper - 3 Step - For Popular Dual Crimp N-Series Ethernet connectors - Strips braid 0.240 in. or 6 mm and Dielectric 0.240 in. or 6 mm	—	45-528

Cyclops® Data Cable Stripper



- Fast, easy removal of outer sheath insulations (PVC and Plenum types) from all Unshielded Twisted Pair (UTP), Shielded Twisted Pair (STP) and multicore cables up to .433 in. (11mm) in diameter

Description	Cat. No.
Data Cable Stripper for unshielded and shielded twisted pair cable	45-514

Toggle® Coax Stripper



- Toggle® Tools for stripping Ethernet, Thinnet, RG-62 or RG-59 coax cable and other cable sizes
- Each tool does 2 or 3-step strips with no adjustment

Description	Cat. No.
Coax Stripper for RG-58	45-508
Coax Stripper for Belden® 8281®	45-509
Coax Stripper for RG-8/11U	45-510
Coax Stripper for RG-174	45-512
Coax Stripper for RG-6	45-513
Coax Stripper for RG-59	45-517

Kevlar® Cutter

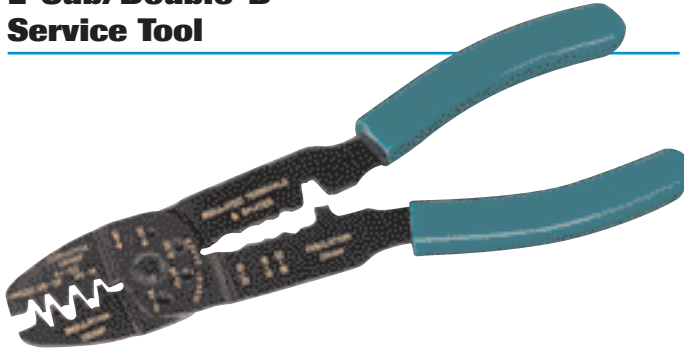
- High-carbon, steel frame
- Fine serrated blades cleanly cut Kevlar strength members found in fiber-optic cable
- Soft handle grips make cutting comfortable
- Overall length is 6-1/2 in. (165 mm)



Description	Cat. No.
Kevlar® Cutter	45-348

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E-Sub/Double-D Service Tool



- Exact replacement of the AMP open-barrel service tool for stamped contacts and D-Sub contacts
- Crimps Double-D, high density, miniature contacts
- Includes openings for crimping insulated terminals and cutters for machine screws

Description	Cat. No.
D-Sub/Double-D Service Tool	30-426

Lite-Strip™ Optical Fiber Stripper



- V-notch blades strip a wide range of outer cable jacket insulations
- Replaceable precision-ground knife-type blades cleanly strip tight buffer tube insulations (900μ)
- Strips mechanically strippable coatings up to 250μ
- New funneled hole makes cable insertion easier
- Improved spring mounting returns handles to original position after every application
- One-step, 900 micron stripping hole provides broader stripping range
- Extra durable to withstand normal drops without requiring tool realignment
- New gauge color makes fiber and hole identification easier
- Improved comfort-grip handles for an easier, more comfortable stripping process

Description	Fiber Capacity	Cat. No.
Lite-Strip™ Optical Fiber Stripper (900μ/250μ)	125μ/250μ and 140μ/250μ	45-350
Transparent Wire Stop		LB-070
Replacement Blade		LB-661

MiniLite-Strip™ Optical Fiber Stripper



- Small stripping V-notch is designed to remove buffer and coating material from 125μ fiber
- Large stripping V-notch is designed to strip the outer jacket
- Blade area heat-treated for durability
- No field adjustment needed
- Laser marked for easy identification

Description	Capacity	Cat. No.
Optical Fiber Stripper	125μ	45-352

Crimpmaster™ Crimp Tool & Die Sets

- High quality ratchet-type crimp tool for electricians, contractors and installers who require guaranteed repeatability of good mechanical and electrical connections
- Dies change quickly and easily with a screwdriver
- Interchangeable dies provide versatility in a single tool
- Ratchet crimp action provides repeatable and reliable terminations
- Crimp release provides operator safety
- New cushion-grip handles
- Pressure adjustment for actuation force



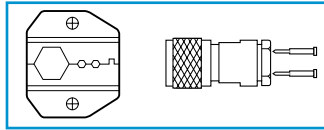
Description	Complete Tool Cat. No.	Replacement Die Set Cat. No.
Crimpmaster™ Crimp Tool Frame	30-506	—
22-10 AWG (.324 mm ² - 5.261 mm ²) Fully insulated slide-on connectors	30-477	30-594
Large gauge sound cable	30-478	—
Insulated Terminal Crimp Tool with Built-in Locator	30-479	—
22-12 AWG (.324 mm ² - 3.31 mm ²) Non-insulated open barrel crimp-style connectors	30-480	30-586
RG-58, 59, 62 Non-Plenum Cambridge BNC/TNC connectors	30-481	30-573
RG-8/11, RG-213, RG-216 Ethernet Thickwire, N-Series type plugs and jacks	30-482	30-577
RG-9, Belden® 8281® and RG-6 Cable, 50 & 75 OHM	30-483	30-578
RG-58 and RG-174 Cable for 50 and 75 OHM cables	30-484	30-587

Description	Complete Tool Cat. No.	Replacement Die Set Cat. No.
RG-174 Mini-59 Hex BNC/TNC Coax Connector	30-485	30-576
RG-58 and RG-59 Plenum Cables, Thinwire PVC Hex	30-487	30-572
16-26 AWG (1.31 mm ² - 1.28 mm ²) Miniature insulated rings and splices	30-487	30-572
AMP DEC RG-58 Thinwire Connectors	30-488	30-588
SMA or SFR-Type Fiber Optic Connectors	30-490	30-597
22-10 AWG (.324 mm ² - 5.261 mm ²) Insulated Ring Tongue terminals and splices	30-500	30-579
22-8 AWG (.3 mm ² - 8 mm ²) Non-insulated terminals and splices	30-501	30-580
RG-58 RG-59/62AU BNC/TNC 3-Piece Hex type connectors	30-502	30-581
CATV RG-59 and RG-6 Captive Ring F-Connectors	30-503	30-582
SMA or SFR-Type Hex Fiber Optic Connectors	30-489	30-596

Crimpmaster™ Crimp Tool Replacement Die Sets

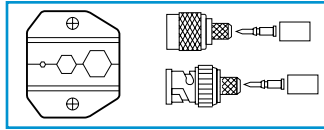
30-569

Twinax (Hex 0.429 (10.90 mm), 0.075 (1.90 mm), 0.075 (1.90 mm))
Tool w/die N/A



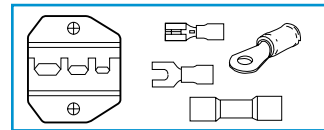
30-570

RG-6, RG-174, Belden-Type RG-8281 cables (Hex. 0.324 (8.23 mm), 0.178 (4.52 mm), 0.068 (1.73 mm))
Tool w/die N/A



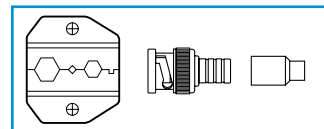
30-572

16-26 AWG (1.31 mm² - .128 mm²) miniature insulated rings, spade and butt splices
Tool w/die 30-487



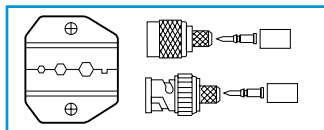
30-573

Cambridge CP-88, CP-89 BNC/TNC coax connectors with RG-58, RG-59/62 AU cables (Hex 0.305 (7.75 mm), 0.068 (1.73 mm), 0.228 (5.79 mm))
Tool w/die 30-481



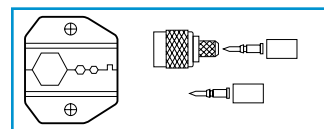
30-576

RG-174, Mini 59 BNC/TNC Connectors (Hex. 0.178 (4.52 mm), 0.128 (3.25 mm), 0.068 (1.73 mm))
Tool w/die 30-485



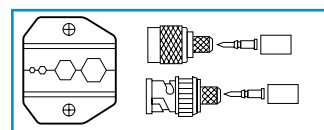
30-577

N-Series and RG-8/11 Connectors (Hex. 0.429 (10.90 mm), 0.100 (2.54 mm), 0.080 (2.03 mm))
Tool w/die 30-482



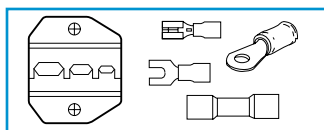
30-578

RG-59, RG-6, and 8281 50 and 75 OHM cables (Hex. 0.324 (8.23 mm), 0.255 (6.48 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))
Tool w/die 30-483



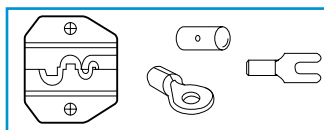
30-579

22-10 AWG (.324 mm² - 5.261 mm²) insulated terminals/color coded nests
Tool w/die 30-500



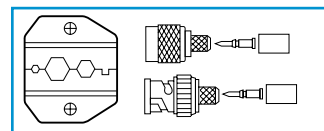
30-580

22-8 AWG (.3 mm² - 8 mm²) non-insulated terminals
Tool w/die 30-501



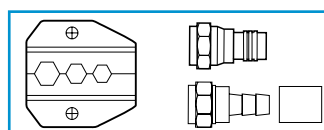
30-581

RG-58, RG-59/62, BNC/TNC Coax Connectors (Hex. 0.255 (6.48 mm), 0.213 (5.41 mm), 0.068 (1.73 mm))
Tool w/die 30-502



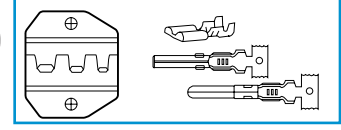
30-582

RG-59, RG-6 F-type CATV Connectors (Hex. 0.350 (8.89 mm), 0.320 (8.13 mm), 0.255 (6.48 mm))
Tool w/die 30-503



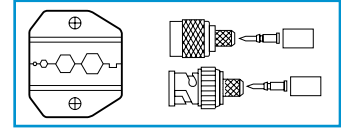
30-586

22-12 AWG (.324 mm² - 3.31 mm²) Non Insulated Open Barrel Connectors, Commercial Type
Tool w/die 30-480



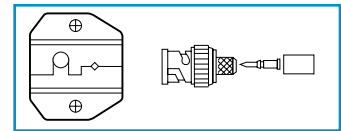
30-587

RG-58, RG-174 and RG-8218 for both 50 and 75 ohm cables (Hex 0.213 (5.41 mm), 0.178 (4.52 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))
Tool w/die 30-484



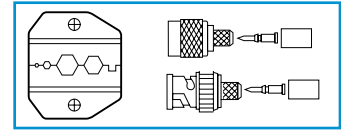
30-588

AMP Thinwire Dual Crimp BNC Coax Connectors ("O", 0.202 (5.13 mm), 0.042 (1.07 mm) box center pin)
Tool w/die 30-488



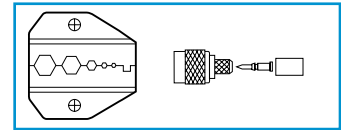
30-591

Plenum and Non-Plenum Thinwire Cables RG-58 and 59 (Hex. 0.213 (5.41 mm), 0.190 (4.83 mm), 0.068 (1.73 mm), 0.042 (1.07 mm))
Tool w/die 30-486



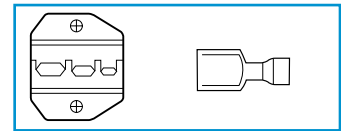
30-593

Mini UHF and BNC/TNC 5 cavity connectors (Hex. 0.052 (1.32 mm), 0.068 (1.73 mm), 0.100 (2.54 mm), 0.213 (5.41 mm), 0.255 (6.48 mm))
Tool w/die N/A



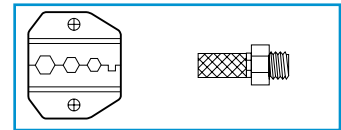
30-594

Fully Insulated quick disconnect terminals with thinner wire barrels 22-10 AWG (.324 mm² - 5.261 mm²)
Tool w/die 30-477



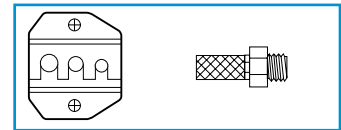
30-596

Fiber-Optic SMA, SMB or SFR connectors (Hex 0.151 (3.84 mm), 0.178 (4.52 mm), 0.213 (5.41 mm))
Tool w/die 30-489



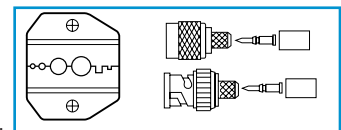
30-597

AMP Optimate Fiber-Optic SMA or SFR type connectors (Round 0.195 (4.95 mm), 0.165 (4.19 mm), 0.138 (3.51 mm))
Tool w/die 30-490



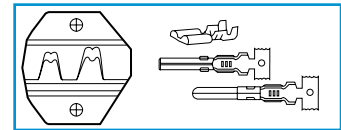
30-598

AMP Combo RG-58, RG-59/62 Dual Crimp BNC/TNC Coax Connectors (0.208 (5.29 mm), 0.240 (6.10 mm), 0.44 (11.18 mm), 0.052 (1.32 mm) Box Center Pin)
 Note: replaces 30-589 and 30-590
Tool w/die N/A



30-599

30-18 AWG (.205 mm² - 2.08 mm²) Open Barrel Pins and Sockets
Tool w/die N/A



Stat-Gard™ EDS Grounding System



- Unique static-prevention system uses hard ground of electrical system to drain static charges
- Checks ground circuit for any common ground faults — bright neon light provides visual proof of ground
- Wrist strap with stainless steel backplate and conductive fiber provides maximum absorption of static charges
- 5-year warranty

Description	Cat. No.
Stat-Gard™ ESD Grounding Plug	61-038
Stat-Gard™ 10 ft. Lead Set	61-039
Stat-Gard™ Universal Wrist Strap	61-044
Stat-Gard™ ESD Grounding System includes grounding plug (61-038), universal wrist strap (61-044) & 10 ft. lead set (61-039)	61-046

Slim Electronic Screwdrivers



- Designed for maximum handling comfort when working in tight areas
- Ball-ended handle with guiding point
- Vapor-blasted tip prevents plate chipping
- Nickel-chrome plating for corrosion resistance
- Tough, chrome vanadium steel shank
- Lifetime guarantee



Description	Cat. No.
3/32 in. x 2-1/2 in. Cabinet Tip	36-240
3/32 in. x 3 in. Cabinet Tip	36-241
1/8 in. x 4 in. Cabinet Tip	36-242
1/8 in. x 6 in. Cabinet Tip	36-243
5/32 in. x 4 in. Cabinet Tip	36-244
5/32 in. x 6 in. Cabinet Tip	36-245
#0 — 1/8 in. x 2-1/2 in. Phillips Head	36-246
#1 — 3/16 in. x 3-1/4 in. Phillips Head	36-247
7-Piece Set includes one each of 36-240 thru 36-246	36-248
4-Piece Set includes one each of 36-240, -241, -242 & -246	36-249

Vol-Con® Voltage/Continuity Tester



- Digital circuitry for accurate measurements
- Tests for high voltage up to 600VAC/220VDC
- Tests for low voltage 24VAC /6VDC
- Audible continuity
- Low impedance to eliminate ghost voltages
- Non-contact voltage indication
- Replaceable silicone test leads
- Integral lead storage
- Lifetime limited warranty
- CAT III – 1000V

Vol-Con® Description	Cat. No.
Vol-Con® Elite	61-090
Vol-Con® Elite w/shaker	61-092
Replacement leads	TL-101
Nylon carrying case	C-90



Vol-Con® Voltage/Continuity Tester



- Extremely rugged and reliable three-in-one tester
- Vibrates when voltage is present
- Heavy-duty voltage tester tests up to 600V AC/DC
- Low-voltage indicator tests as low as 5V AC/DC
- Patented, automatic switching continuity tester
- Bright, long life LED and neon indicator lamps
- Replaceable plug-in leads with shielded probe tips
- 5-year warranty



Batteries included. Convenient, snap-out battery replacement.

Description	Cat. No.	Replacement Leads Cat. No.
Vol-Con® w/standard leads	61-076	61-070
Vol-Con® w/slim-line leads	61-079	61-078
Vol-Con® w/resistor-fused leads*	61-080	61-072
Vinyl case	61-009	—
Standard leather case	61-010	—
Premium leather case	61-020	—
Replacement battery set**	61-201	—

*Special current-limiting resistors in each lead act as fuses in case of accidental shorts or breakdowns and limit current in leads to prevent dangerous arcing.

**Four 1-1/2V batteries. Tester will also accept Union Carbide A76 or Eveready No. 357 batteries.



Vol-Con® Lite Voltage/Continuity Testers



- Rugged and reliable three-in-one pocket-size tester
- Tests for high voltage up to 240VDC/480VAC
- Tests for low voltage as low as 5V AC/DC
- Automatic switching continuity tester
- Audible voltage and continuity detection (61-101 and 61-102)
- Replaceable leads with shielded probe tips
- Bright, long-life LED and neon indicator lamps
- 5-year warranty



Batteries included. Convenient, snap-out battery replacement.

Description	Cat. No.	Replacement Leads Cat. No.
Vol-Con® Lite w/slim-line leads	61-099	61-081
Vol-Con® Lite w/resistor-fused leads*	61-100	61-082
Vol-Con® Lite Audible w/slim-line leads	61-101	61-081
Vol-Con® Lite Audible w/resistor-fused leads*	61-102	61-082
Insulated clip lead set (1 probe & 1 alligator clip)	61-083	—
Premium leather case	61-029	—
Standard leather case	61-012	—
Replacement battery set**	61-201	—

*Special current-limiting resistors in each lead act as fuses in case of accidental shorts or breakdowns and limit current in leads to prevent dangerous arcing.

**Four 1-1/2V batteries. Tester will also accept Union Carbide A76 or Eveready No. 357 batteries.



Powr-Glo™ Pocket Testers

- Tests for voltage from 40V to 440VAC
- Unique electronic sensor locates breaks along live, insulated wires and power cords, checks for energized AC circuits, distinguishes polarity and detects leaks in underground devices
- Solid-state LED indicator illuminates brightly for quick, accurate test results
- Audible voltage detection (61-061)
- Convenient pocket clip
- 5-year warranty
Batteries included



Description	Cat. No.
Powr-Glo™ Pocket Tester	61-060
Powr-Glo™ Audible Pocket Tester	61-061
Replacement 1.5V alkaline batteries	61-201



Vol-Test™ Pocket Tester

- Tests for continuity, polarity and voltage
- Single probe checks voltage from 12V to 440VAC
- Convenient screwdriver tip
- Automatic safety feature switches between voltage and continuity
- 5-year warranty
Batteries included



Description	Cat. No.
Vol-Test™ Pocket Tester	61-050
Replacement 1.5V alkaline batteries	61-201



Continuity Tester

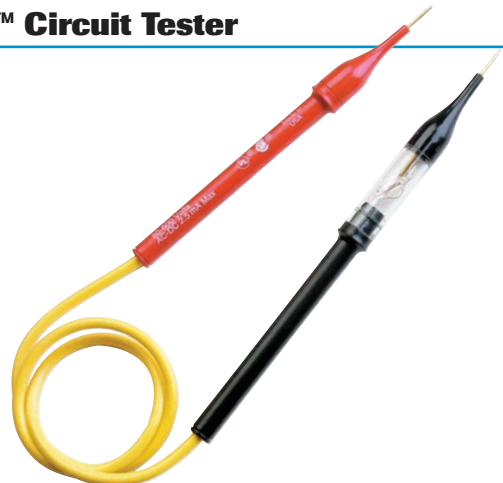


- Pocket-size tester for use on electrical control equipment and panel-board wiring
- Checks continuity of dead circuits and grounds on conduit systems, and identifies wires in multi-wire cables
- Light signal indicates completed circuit
- Pocket clip reverses to function as probe
- Bulb in end of tester serves as flashlight
- Removable 4-ft. test lead with alligator clip
- 5-year warranty

Description	Cat. No.
Continuity Tester*	61-030

*Requires two AA batteries (not included)

Test-Glo™ Circuit Tester



- Industrial-quality tester designed for safe, easy checking of electrical circuits, spark-plugs, motors, fuses, etc.
- For use from 80V to 600VAC/DC
- Neon test lamp at front of probe
- Resistors reduce voltage reaching leads
- Long, thin handles with no-slip safety rings
- 24-in. lead (rated 10,000V) permits wide-span usage
- 5-year warranty

Description	Cat. No.
Test-Glo™ Circuit Tester	61-040



E-Z Check® Circuit Tester

- Tests for correct wiring, open ground, reverse polarity, open hot, open neutral, hot on neutral, hot and ground reversed with open hot in 3-wire, 125VAC circuits
- No-slip ergonomic design maximizes comfort
- Premium neon lamps prevent false readings
- Tough, impact-resistant case
- 5-year warranty



Description	Cat. No.
E-Z Check® Circuit Tester	61-035



E-Z Check® Plus GFI Circuit Tester

- Tests GFCI receptacles for proper operation
- Tests for correct wiring, open ground, reverse polarity, open hot, open neutral, hot on neutral, hot and ground reversed with open hot and ground fault interruption in 3-wire, 125VAC circuits
- No-slip ergonomic design maximizes comfort
- Premium neon lamps prevent false readings
- Tough, impact-resistant case
- 5-year warranty



Description	Cat. No.
E-Z Check® Plus GFI Circuit Tester	61-051



Stop Shock™ Ground Circuit Tester

- Verifies safe low impedance ground
- Flashing light indicates defective/hazardous ground
- Warns against faulty wiring in wall outlets, multiple outlet strips or extension cords
- 5-year warranty



Description	Cat. No.
Stop Shock™ Ground Circuit Tester	61-511

Receptacle Tester

- Warns against faulty wiring in 3-wire receptacles
- For use on 125VAC circuits
- 5-year warranty



Description	Cat. No.
Receptacle Tester	61-500



GFI Receptacle Tester

- Tests GFI receptacles for proper operation
- Warns against faulty wiring in 3-wire receptacles
- For use on 125VAC circuits
- 5-year warranty



Description	Cat. No.
GFI Receptacle Tester	61-501



PlatinumPro® 630 Series Technical Grade Multimeters

- Data acquisition
 - Optical RS-232 interface
 - True RMS
 - Auto/manual ranging
 - Analog bar graph
 - 0.5ms peak hold
 - Capacitance
 - Frequency
 - Duty factor
 - Auto calibration
 - Auto hold/peak hold
 - Memory store and recall
 - Lead input warning
 - High/low limits
 - Max/min/max-min
 - Backlight
 - Relative mode
 - Auto power off
 - Triple display
 - Low battery indication
 - Lifetime limited warranty
 - CAT III – 600V
- Includes carrying case



Data acquisition and analysis with ProVision™ software.



Description	Cat. No.
Technical Grade Multimeter, standard model	61-633
Technical Grade Multimeter, extended accuracies, software and RS-232 interface included, temperature, includes thermocouple	61-635

Specifications	61-633		61-635	
	Range & Resolution	Accuracy	Range & Resolution	Accuracy
AC Voltage	400.00m/4.0000/40.000/400.00/750.0 V	1.0%	400.00m/4.0000/40.000/400.00/750.0 V	0.7%
DC Voltage	40.000m/400.00m/4.0000/40.000/400.00/1000.0 V	0.2%	40.000m/400.00m/4.0000/40.000/400.00/1000.0 V	0.06%
AC Current	40.000m/400.00m/4.0000/10.000 A	1.2%	40.000m/400.00m/4.0000/10.000 A	0.8%
DC Current	40.000m/400.00m/4.0000/10.000 A	0.5%	40.000m/400.00m/4.0000/10.000 A	0.2%
Resistance	400.00/4.0000k/40.000k/400.00k/ 4.0000M/40.000M Ω	0.5%	400.00/4.0000k/40.000k/400.00k/ 4.0000M/40.000M Ω	0.3%
LV Resistance	4.0000k/40.000k/400.00k/ 4.0000M/40.000M Ω	1.0%	4.0000k/40.000k/400.00k/ 4.0000M/40.000M Ω	0.6%
Capacitance	4.0000n/40.000n/400.00n/4.0000μ/40.000μ/ 400.00μ/4.0000m/40.000m F	1.9%	4.0000n/40.000n/400.00n/4.0000μ/40.000μ/ 400.00μ/4.0000m/40.000m F	0.9%
Frequency	400.00/4.0000k/40.000k/400.00k/4.0000M Hz	0.01%	400.00/4.0000k/40.000k/400.00k/4.0000M Hz	0.01%
Temperature	—	—	-150° F to 2200° F -100° C to 1200° C	2.0%
Duty Factor	20% - 80%	1.00%	20% - 80%	1.00%



PlatinumPro® 490 Series Industrial Grade Multimeters



Description	Cat. No.
Industrial Grade Multimeter, standard model	61-492
Industrial Grade Multimeter, True RMS, datalogging (6,000 records), data storage, temperature, duty factor, dBm/dB, dual display, Ω voltage, min/max/avg, 20,000 count high-accuracy mode, optional software	61-494
Industrial Grade Multimeter, True RMS, datalogging (40,000 records), software and RS-232 interface included, data storage, temperature, duty factor, dBm/dB, dual display, Ω voltage, min/max/avg, 20,000 count high-accuracy mode, includes thermocouple	61-495

- Data acquisition
- Optical RS-232 interface
- Frequency
- Capacitance
- Auto/manual ranging
- Analog bar graph
- Auto power off
- Peak hold
- Min/max
- Relative mode
- Backlight
- Low battery indication
- Lifetime limited warranty
- CAT III – 600V

Includes carrying case

Specifications	61-492		61-494		61-495	
	Range & Resolution	Accuracy	Range & Resolution	Accuracy	Range & Resolution	Accuracy
AC Voltage	400.0m/4.000/40.00/750 V	1.0%	20.000m/200.00m/2.0000/ 20.00/200.00/750.0 V	0.7%	20.000m/200.00m/2.0000/ 20.000/200.00/750.0 V	0.7%
DC Voltage	400.0m/4.000/40.00/750 V	0.3%	20.000m/200.00m/2.0000/ 20.000/200.00/1000.0 V	0.06%	20.000m/200.00m/2.0000/ 20.000/200.00/1000.0 V	0.06%
AC Current	40.00m/400.0m/10.00 A	1.0%	20.000m/200.00m/2.0000/10.000 A	0.8%	20.000m/200.00m/2.0000/10.000 A	0.8%
DC Current	40.00m/400.0m/10.00 A	0.4%	20.000m/200.00m/2.0000/10.000 A	0.3%	20.000m/200.00m/2.0000/10.000 A	0.2%
Resistance	400.0/4.000k/40.00k/400.0k/ 4.000M/40.00M Ω	0.4%	200.00/2.0000k/20.000k/200.00k/ 2.0000M/20.000M/200.00M/2.0000G Ω	0.3%	200.00/2.0000k/20.000k/200.00k/ 2.0000M/20.000M/200.00M/2.0000G Ω	0.3%
LV Resistance	—	—	2.0000k/20.000k/200.00k/ 2.0000M/20.000M/200.00M Ω	0.6%	2.0000k/20.000k/200.00k/2.0000M/ 20.000m/200.00M Ω	0.6%
Capacitance	4.000n/40.00n/400.0n/4.000 μ / 40.00 μ /400.0 μ /4.00m/40.00m F	3.0%	4.000n/40.00n/400.0n/4.000 μ / 40.00 μ /400.0 μ /4.000m/40.00m F	0.9%	4.000n/40.00n/400.0n/4.000 μ / 40.00 μ /400.0 μ /4.000m/40.00m F	0.9%
Frequency	4.000k/40.00k/400.0k/4.000M/ 40.00M/400.0M Hz	0.01%	20.000/200.00/2.0000k/ 20.000k/200.00k/1.0000M Hz	0.01%	20.000/200.00/2.0000k/20.000k/ 200.00k/1.0000M Hz	0.01%
Duty Factor	—	—	20% - 80%	1.00%	20% - 80%	1.00%
Temperature	—	—	-150° F to 2200° F -100° C to 1200° C	0.1%	-150° F to 2200° F -100° C to 1200° C	0.1%



Test-Pro® Stick Digital Multimeter



- Sleek design for easy use and storage
- Rugged construction to withstand 10-foot drops
- O-ring sealed to repel moisture and dirt
- 6kV transient voltage protection
- Audible and LED voltage indicators
- Peak hold
- Deluxe leadsets with removable probe tips
- Interchangeable snap-on heads provide maximum versatility
- Sleep mode
- Low battery indication
- Overload protection on all ranges

Description	Cat. No.
Digital Multimeter, includes deluxe test leads (61-440)	61-401
Digital Multimeter w/Current Clamp Kit, includes Stick Multimeter (61-401), 300AAC current clamp adapter (61-450) & deluxe test leads (61-440)	61-402
Digital Multimeter Kit – Includes Stick Multimeter (61-401), 5 accessory heads (61-437, 61-438, 61-439, 61-450, 61-460), deluxe test leads (61-440) & carrying case (61-447)	61-403

Specifications	61-401	
	Range & Resolution	Accuracy
AC Voltage	200.0m/2000m/200.0/750 V	1.2%
DC Voltage	200.0m/2000m/200.0 V	0.5%
AC Current	0.0 – 300 A	2.7%
Resistance	200.0/200.0k Ω	1.0%
Capacitance	200.0 μ F	3.0%
Instant Continuity	✓	—
Diode Test	✓	—



Test-Pro® Snap-On Accessory Heads

Snap directly onto the Test-Pro® Stick Multimeter. Adaptable with all other Test-Pro® Multimeters.

300AAC Current Clamp

- Directly measures 0 to 300AAC
- No conversions or multipliers required



Description	Cat. No.
300AAC Current Clamp Head	61-450

True RMS Head

- Provides digital multimeters and clamp heads with True RMS measuring capabilities
- Measures True RMS voltage and current



Description	Cat. No.
True RMS Head	61-439

Infrared Temperature Head

- Measures temperature without contact
- 4:1 angle of view



Description	Cat. No.
Infrared Temperature Head	61-438

Relative Humidity & Temperature Head

- Measures relative humidity percentage
- Measures air temperature



Description	Cat. No.
Relative Humidity & Temperature Head	61-437

Dual Temperature Head

- Measures liquid or gas from -50°F to 1,800°F
- Measures two temperatures at once



Description	Cat. No.
Dual Temperature Head	61-460

Snap-On Head Handle

- For remote use of snap-on accessory heads
- Increases handle area for added comfort



Description	Cat. No.
Snap-on Head Handle	61-448

Analog Multimeters

- Pocket-size, low-cost analog meter
- High-impact thermoplastic case
- Decibel measurement
- 5-year warranty



Description	Cat. No.
Analog Meter w/mirrored scale plate, diode protection	61-610
Analog Meter w/audible continuity, battery test, built-in stand	61-614

Specifications	61-610		61-614	
	Range & Resolution	Accuracy	Range & Resolution	Accuracy
AC Voltage	10/50/250/500 V	+/- 4.0% Full Scale	10/50/250/1000 V	+/- 4.0% Full Scale
DC Voltage	10/50/250/500 V	+/- 3.0% Full Scale	2.5/10/50/250/1000 V	+/- 3.0% Full Scale
DC Current	500μ/50m/250m A	+/- 3.0% Full Scale	5m/50m/500m/20 A	+/- 3.0% Full Scale
Resistance	1M Ω Full Scale 5k Ω Mid Scale	+/- 3.0% Arc Length	10k/100k/10M Ω Full Scale 50/500/50k Ω Mid Scale	+/- 3.0% Arc Length
Instant Continuity	—	—	✓	—
Decibels	-20 to +56 dB	—	-8 to +62 dB	—
Battery Test	—	—	1.5, 9.0 VDC	—



Pen-Style Meters

- Auto/manual ranging
- Compact and lightweight
- Backlit display
- Interchangeable probe tips
- Low battery indicator
- Sleep mode
- Overload protection on all ranges
- Lifetime limited warranty
Includes carrying case



Description	Cat. No.
Meter w/capacitance, frequency, duty cycle, temperature, peak hold	61-643

Description	Cat. No.
Meter w/capacitance, frequency, duty cycle, peak hold	61-642



Description	Cat. No.
Meter w/high speed bar graph, peak hold	61-641



Description	Cat. No.
Meter w/data hold	61-640



Specifications	61-640		61-641		61-642		61-643	
	Range & Resolution	Accuracy	Range & Resolution	Accuracy	Range & Resolution	Accuracy	Range & Resolution	Accuracy
AC Voltage	2.000/20.00/200.0/500 V	1.0%	3.200/32.00/320.0/600 V	0.75%	250.0m/2.500/25.00/250.0/600 V	0.75%	250.0m/2.500/25.00/250.0/600 V	0.75%
DC Voltage	200.0m/2.000/20.00/200.0/500 V	0.5%	320.0m/3.200/32.00/320.0/600 V	0.25%	250.0m/2.500/25.00/250.0/600 V	0.25%	250.0m/2.500/25.00/250.0/600 V	0.25%
Resistance	200.0/2.000k/20.00k/200.0k/2.000M/20.00M Ω	0.7%	320.0/3.200k/32.00k/320.0k/3.200M/32.00M Ω	0.3%	250.0/2.500k/25.00k/250.0k/2.500M/25.00M Ω	0.3%	250.0/2.500k/25.00k/250.0k/2.500M/25.00M Ω	0.3%
Capacitance	—	—	—	—	250.0n/2.500 μ /25.00 μ F	5.0%	250.0n/2.500 μ /25.00 μ F	5.0%
Frequency	—	—	—	—	5.000/50.00/500.0/5.000k Hz	0.05%	5.000/50.00/500.0/5.000k Hz	0.05%
Duty Cycle	—	—	—	—	10 - 90%	—	10 - 90%	—
Instant Continuity	✓	—	✓	—	✓	—	✓	—
Diode Test	—	—	✓	—	✓	—	✓	—
Temperature	—	—	—	—	—	—	-4.0° F to 2498° F (-20° C to 1370° C)	2.0%

200 Amp Clamp Meters

- 200A current capability
- Audible continuity
- Diode test
- Data hold/max hold
- Low battery indication
- Overload protection on all ranges
- Silicone leads
- Integral lead storage
- Audible dangerous voltage warning
- Sleep mode
- Ergonomic hourglass shape
- Compact clamp head
Includes carrying case



Description	Cat. No.
Clamp Meter w/vibration mode to verify AC voltage, harmonics indicator, non-contact voltage, capacitance, CAT III – 1000V rated	61-702
Clamp Meter w/non-contact voltage, capacitance, frequency, CAT III – 600V rated	61-701
Clamp Meter w/frequency, CAT III – 600V rated	61-700

Specifications	61-700		61-701		61-702	
	Range & Resolution	Accuracy	Range & Resolution	Accuracy	Range & Resolution	Accuracy
AC Voltage	200.0/600 V	1.2%	200.0/600 V	1.2%	2000m/200.0/600 V	1.2%
DC Voltage	200.0m/2000m/200.0/600 V	0.5%	20.00/200.0/600 V	0.5%	2000m/200.0/600 V	0.5%
AC Current	200.0 A	3.0%	200.0 A	3.0%	200.0 A	3.0%
Resistance	200.0/200.0k Ω	1.0%	200.0/200.0k Ω	1.0%	200.0/200.0k Ω	1.0%
Capacitance	—	—	200.0 μ F	3.0%	200.0 μ F	3.0%
Frequency	2.000k/20.00k/40.00k Hz (Auto)	0.1%	2.000k/20.00k/40.00k Hz (Auto)	0.1%	—	—



1000 Amp Clamp Meters



- 1000A current capability
 - Large digit display
 - Audible continuity
 - Diode test
 - Data hold
 - Auto power-off
 - Low battery indicator
 - Overload protection on all ranges
 - Lifetime limited warranty
 - CAT III – 600V
- Includes carrying case

Description	Cat. No.
1000AAC Clamp Meter, standard model	61-720
1000AAC Clamp Meter, True RMS, frequency, peak hold	61-722
1000AAC Clamp Meter, True RMS, DC current, frequency, backlit display	61-724
1000AAC Clamp Meter, True RMS, DC current, capacitance, frequency, peak hold, high speed analog bar graph	61-726

Specifications	61-720		61-722		61-724		61-726	
	Range & Resolution	Accuracy	Range & Resolution	Accuracy	Range & Resolution	Accuracy	Range & Resolution	Accuracy
AC Voltage	200.0/600 V	1.2%	200.0/600 V	1.2%	200.0/600 V	1.2%	4.000/40.00/400.0/600 V Auto	1.7%
DC Voltage	2.000/200.0/600 V	0.5%	600 V	0.5%	600 V	0.5%	400.0m/4.000/40.00/400.0/600 V	0.25%
AC Current	20.00/200.0/1000 A	1.5%	20.00/200.0/1000 A	1.5%	200.0/1000 A	1.75%	400.0/1000 A	1.75%
DC Current	—	—	—	—	200.0/1200 A	1.5%	400.0/1200 A	1.5%
Resistance	200.0/200.0k Ω	1.2%	2.000k/200.0k Ω	1.2%	2.000k/200.0k Ω	1.2%	400.0/4.000k/40.00k/400.0k/4.000M/40.00M Ω Auto	0.3%
Capacitance	—	—	—	—	—	—	4.000n/40.00n/400.0n/4.000 μ F Auto	3.0%
Instant Continuity	✓	—	✓	—	✓	—	✓	—
Diode Test	✓	—	✓	—	✓	—	✓	—
Frequency	—	—	20.00/2.000k Hz (Auto)	0.1%	20.00/2.000k Hz Auto	0.1%	100.00/1.0000k/100.00k/500.0k Hz Auto	0.1%





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- ☐ A. Hand Type
- ☐ B. Production Strippers
 - ☐ 1. 45-930 STP Stripping System
 - ☐ 2. 45-950 Stripmaster® Model 950 Wire Stripper

2. Stripping Tolerance:

- ☐ A. Precision
- ☐ B. Non-Precision

3. Present Method: _____

4. Type of Insulation: _____

5. Wire Gauge: _____

6. Remarks/Requirements: _____

7. MIL-spec: _____

8. Number of Strips per Day: _____

9. Cable Dimensions: _____

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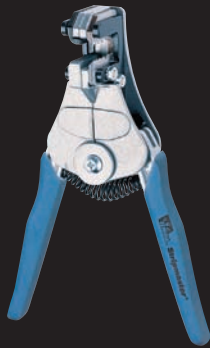
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