



MISCELLANEOUS

▶ FL-603 LED Flexible Flashlight

- Sturdy anodized aluminum construction, 13.6" hands free flexible arm attachment
- Flexible cable extension that can be bent and twisted into any shape or angle
- White light brightly illuminates even the tightest work areas
- Two-way tail cap switch allows for twist on/off capability or push and hold functionality
- Ideal for auto repair, workshop or home DIY use and more

New

LED Light



Auto repair



Electrical check



White light illuminates the tightest work areas

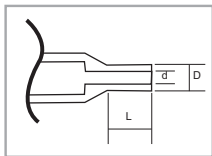


Light source	Illumination	Cable size	Handle size	Battery
White LED	11000mcd	Ø5mm x 13.6"	Ø15mm x 6.9"	1.5V AAA x 3pcs (not included)

- Individual packing: Blister card

▶ CE-027 Pin Extractors

- Designed for use with various connectors such as MOLEX, AMP, TYCO, etc
- 5 different size insertion tools
- Available individually or as a set of 5 in a pouch



New



Put the pin extractor into housing



Push the plunger of pin extractor



Extract the pin



Model No.	L	DØ	dØ	(D-d)/2	Remark
902-394	0.45"	0.150"	0.122"	0.014"	-
902-395	0.57"	0.106"	0.085"	0.011"	Inter-locking
902-396	0.50"	0.157"	0.110"	0.023"	-
902-397	0.79"	0.126"	0.102"	0.012"	V.35 male
902-398	0.67"	0.130"	0.110"	0.008"	V.35 female
Individual packing			Blister card		

- CE-0275 Contents: One each of five extractors above.
Comes in plastic carrying pouch.

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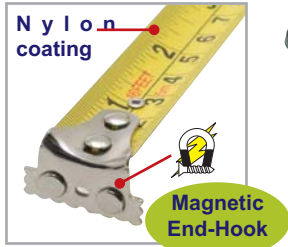
TOOL KITS

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900-150/900-151/900-202 Measuring Tape



- Blade with Nylon coating for easy scale reading and avoiding light reflection.
- Magnetic end-hook for convenient measuring.
- Anti-slip and shockproof rubber case.
- Hi-rel power tape.



Model No.	L (Max.)	W (Max.)	Individual packing
900-150	5M/16ft	23.0mm/0.91"	Blister card
900-151	7.5M/25ft	24.5mm/0.96"	Blister card
900-202	7.5M/25ft	32.0mm/1.26"	Blister card

400-044 6" Digital Caliper

- Hardened stainless steel.
- High quality 6"(150mm), thumb wheel for accuracy and ease with 4 measurement: inside, outside, depth and step.
- Precision-ground and lapped measuring surface.



Depth diameter measurement



Inside diameter measurement



Outside diameter measurement

Material	Range	Accuracy	Individual packing
AISI430	0-150mm/0-6"	±0.01mm/0.0005"	Plastic box + Color label sleeve

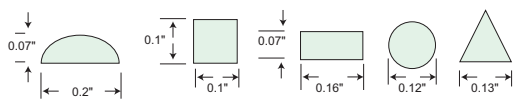
PD-155 9" Torpedo Level

- Lightweight and compact
- With magnet for hands-free work
- Provides accurate readings, including horizontal, vertical and 45-degree angles.
- Easy-to-read with fluorescent green gauges



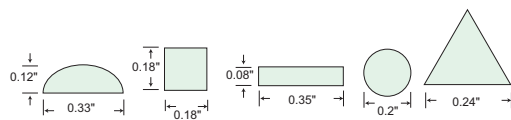
Material	3 vials	OAL	Individual packing
ABS plastic construction	45°, 90° & 180°	220mm/9"	Blister card

900-019 5 PCS Needle File Set



Material	HRC	Cut length	Handle O.D.	OAL	Individual packing
SKS-8	60°	75mm/ 3.0"	Ø 5mm/ Ø 0.2"	170mm/ 6.7"	Pouch

900-216 5 PCS Needle File Set



Material	HRC	Cut length	Handle O.D.	OAL	Individual packing
SKS-8	60°	85mm/ 3.3"	Ø 7mm/ Ø 0.28"	180mm/ 7.1"	Pouch

▶ 900-247 Round Hole Bread Board



- 840 tie points
- Round hole designed for easy plug and pull
- Expandable by combining several boards together to meet your different requirement
- Wearproof material made of ABS & phosphor bronze with good flexibility and electric conductivity

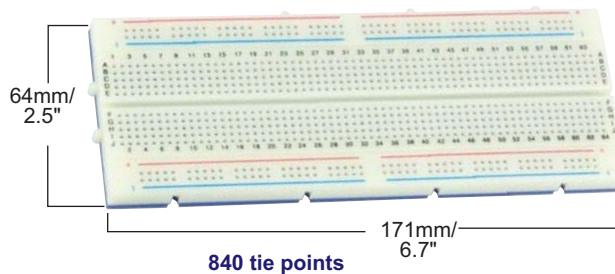


Excellent expandability



Friendly graduations

Individual packing
Blister card



840 tie points

▶ 900-248/900-249 Round Hole Bread Board



Application:

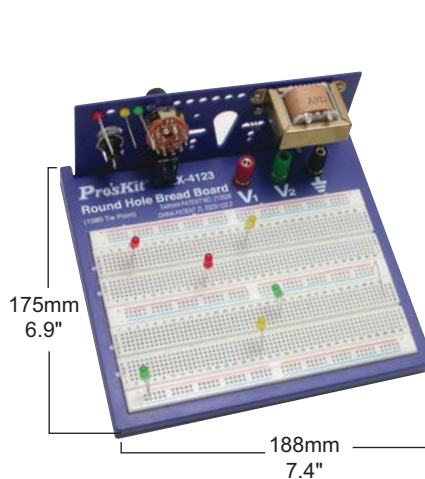
Used as a simulated layout for R&D and students.

Features:

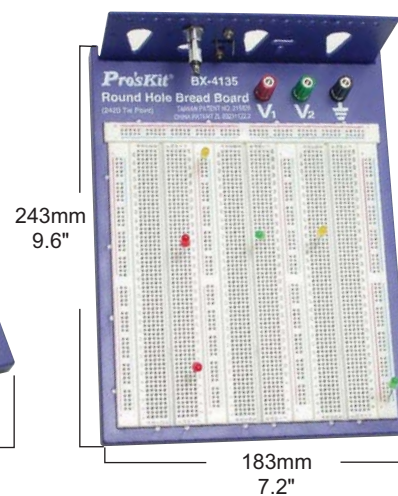
- Round hole designed for easy plug and pull
- Expandable by combining several boards together to meet your different requirement
- Wearproof material made of ABS & phosphor bronze with good flexibility and electric conductivity



Edge plate can easily fold up



900-248 1580 tie points (Demo only)



900-249 2420 tie points (Demo only)

Model No.	Tie points	Individual packing
900-248	1580	Blister card
900-249	2420	

TAIWAN PATENT NO. 215526
CHINA PATENT ZL 03231122.2

▶ 900-271/900-272 Bread Board Accessory



- 70 pcs of 22 AWG solid wires
- Pre-cut, pre stripped and pre-formed on each end
- Variety of colors
- Completely reusable
- 14 lengths x 5 pcs each
- (2, 5, 7, 10, 12, 15, 17, 20, 22, 25, 50, 75, 100 and 125mm)

- 350pcs of 22 AWG solid wires
- Pre-cut, pre stripped and pre-formed on each end
- Variety of colors
- Completely reusable
- 14 lengths x 25 pcs each
- (2, 5, 7, 10, 12, 15, 17, 20, 22, 25, 50, 75, 100 and 125mm)



900-271

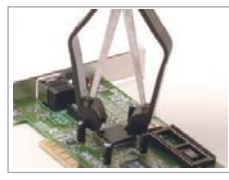
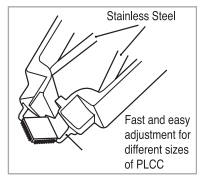


900-272

Case Size (mm/inch)	Individual packing
165x55x15/ 6.5x2.2x0.6	Poly bag + Hanger

Case Size (mm/inch)	Individual packing
178x90x28/ 7x3.5x1.1	Poly bag + Hanger

▶ **900-032 PLCC Extractor**



A spring assisted chip carrier extraction tool, specially designed for the safe removal of PLCC's from sockets without damage to component parts.

Material	OAL (mm/inch)	Individual packing
AISI 410 + POM	100x50/ 3.9"x2"	Blister card

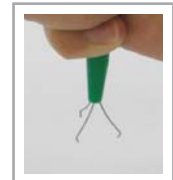
▶ **902-224 PLCC Extractor**



Material	OAL (mm/inch)	Individual packing
AISI 210 + POM	145x76/ 5.7x3"	Blister card

▶ **900-094 3-Pronged Parts Grabber**

- Plunger opens prongs



Individual packing
Blister card

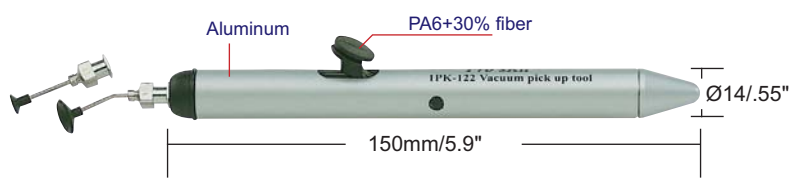
▶ **900-258 IC Extractor**

- Stainless steel construction for removing dual in-line IC packages. (Insulated vinyl grip.)



Individual packing
Blister card

▶ **900-238 Vacuum Pick-Up Tool**



9122-010

- The hand-held SMD vacuum pick-up tool is ideal for picking up and moving electronic components, large or small. With fountain pen dimensions, it fits easily into your hand or pocket.
- The new high-power probes have longer holding action.

Function:

- Lightweight, portable and suitable for picking and placing small components weighing up to 50 grams and having a flat surface, dilly packages and surface mount components, etc.

Individual packing
Color box

▶ **902-115 Vacuum Pick-Up Tool**



Function:

- The hand-held SMD vacuum pick up tool is ideal for picking up and moving large or small electronic components.
- Lightweight, portable and suitable for the picking and placing small components weight to up 50 grams and having a flat surface, dilly packages and surface mount components, etc. The new high-power probes have longer holding action.



Individual packing
Blister card

▶ 900-103 Inspection Mirror

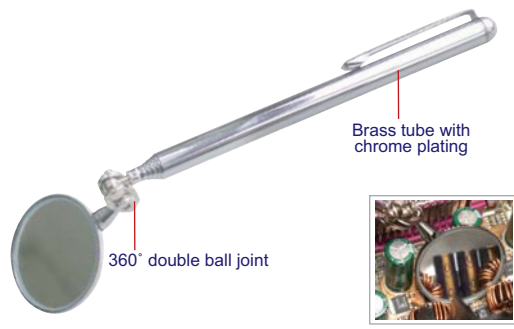


- All-angle ball joint mirror with stainless steel back.
- Visual inspection of hidden areas.
- Double ball joint links swivel mirrors for viewing to 360°.
- Made of tempered spring steel to move freely and hold desired position.
- Replaceable, plated, copper-backed, clear-view mirror.
- Non-rotating inner hex rods prevent mirror from swinging out of alignment.
- Insulating vinyl grip.



Lens size	OAL (mm/inch)	Individual packing
50x90mm (2"x3.5")	216 ~ 490 / 8.5"~19.3"	Blister card

▶ 900-255 Inspection Mirror



Lens size	Extension length	Individual packing
Ø32mm (1.25")	178~505mm (7.9"~19.9")	Blister card

▶ 900-212 Telescoping Magnetic Pick-up Tool



- Strong pick up force of 9 lbs.
- Allows access to "hard-to-reach" parts.
- Telescopes from 6-1/2" to 25-5/8"



Individual packing
Blister card

▶ MS-322 Telescopic Magnetic Pick-Up Tool



- A handy chrome plated telescopic magnetic retrieving tool.
- Ideal for hard-to-reach working.
- Extension length: max. 450mm(17.7")
- Maximum pick-up: 590g(1.3lb)



Individual packing
Blister card



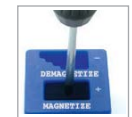
▶ 800-070 Magnetizer Demagnetizer



- A convenient pocket sized tool, housed in a strong plastic case.
- Ideal for the general magnetizer demagnetizer of small hand tool i.e screwdriver, hexagon keys.



Individual packing
Blister card



▶ 800-039 20 in 1 Screwdriver With Telescoping Pick-Up Tool



- Regular screwdriver with 13-pcs. screw bits 5-pcs. sockets and 1-pcs socket adaptor fits all kinds of job.
- Telescoping magnetic pick-up tool (up to 17-1/2" long/440mm) stored inside the tube pulling out to pick up small metal objects.



Magnetic pick-up: 250g(Max.)

Individual packing
Blister card

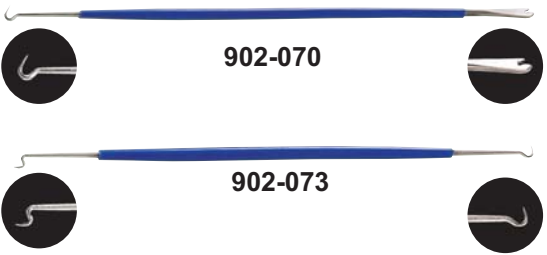
▶ 900-205 4 PCS Probe Set



- 4pcs stainless steel single-ended probe that can be used for all kinds of precision work in electronics.
- Hook, curved, straight and angle tips 4 types packed in a vinyl pouch.

Material	OAL (mm/inch)	Individual packing
AISI 410	Straight:145/5.7 Angled:140/5.5	Pouch

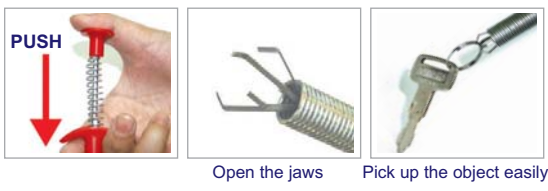
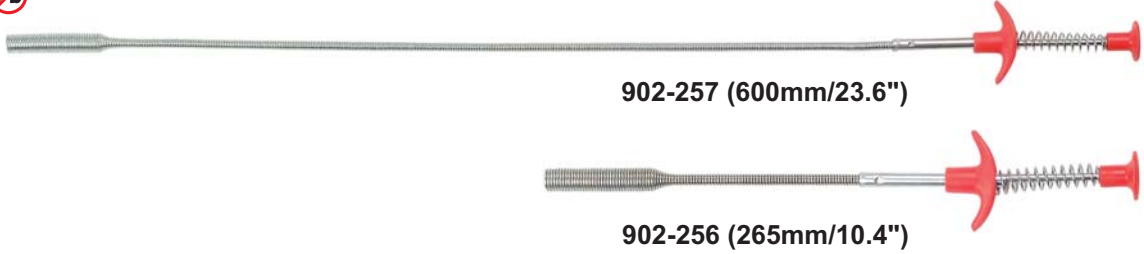
▶ 902-070/902-073 Spring Hook



- Can grab small spring and wires.

Model No.	Material	OAL (mm/inch)	Individual packing
902-070	AISI 410	205/8	Blister card
902-073	+ PVC		

▶ 902-256/902-257 Push-button Pick-up Tool



- 900-256: Push-Button Pick-Up Tool has a 265mm /10.4"flexible stem with a small set of jaws at one end.
- 900-257: Long Push-Button Pick-Up Tool has a 600mm /23.6"flexible stem with a small set of jaws at one end.
- Ideal for home, shop, garage, work place etc.

Individual packing	Blister card
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▶ 902-255 Long Pick-up Tool with Magnet Tip



Pick up small metallic objects from inaccessible areas

- Long Pick-Up Tool with Magnet Tip is an extendable magnetic tool for picking up small metallic objects from inaccessible areas.
- This Pick-Up Tool has a 620mm/24.4" flexible stem with a strong magnet at one end.
- Powerful magnet lifts 1.5KG
- Ideal for home, shop, garage, work place etc.

Individual packing	Blister card
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▶ 902-117 Multi-Angle Swivel-Actions Vacu-Vise



- Suction areas must be smooth, flat and clean.
- Adding a little water under vacuum base is recommended.

- Swivels 360° and tilts 90° to desired angle.
- 2.8" (70mm) metal jaws open to 2.7" (68mm).
- Equipped with slide-on rubber jaw for fragile work.
- 6 1/4" (158mm) triangular base.
- Aluminum die-cast construction.
- Light weight and durable.

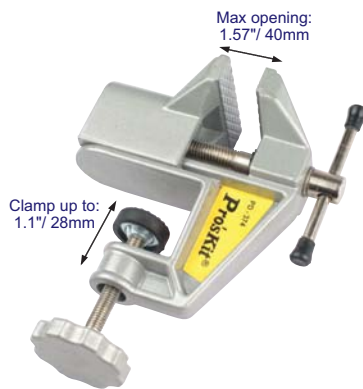
Replacement Jaw	Individual packing
902-117-JAWS	Plain box+Color label



▶ 900-049 Hobby Vise



Individual packing
Blister card



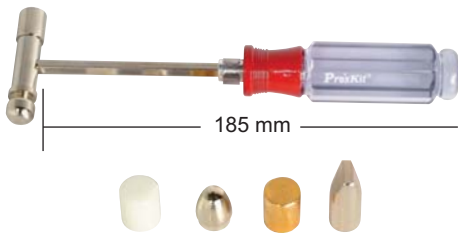
▶ PD-372 Mini Vise



Individual packing
Blister card



▶ 902-116 6 In 1 Mini Hammer



- The 6 in 1 mini hammer with six different interchangeable heads:
two round steel, one flat brass, one flat plastic and one tinner's steel.

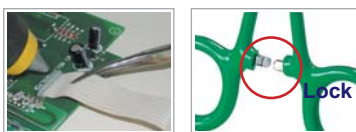
OAL(mm/inch)	Individual packing
185/7.3	Blister card

▶ 900-179 Heavy Duty Curved-Claw



Material	Weight	OAL (mm/inch)	Individual packing
Handle: Fiberglass, S45C	454g (16 oz/1 lb)	330/13	Tag

▶ 900-058/900-181/900-222 Stainless Steel Forceps



Model No.	Material	Type	OAL (mm/inch)	Individual packing
900-058	AISI 410	Straight	130/5"	Blister card
900-181			160/6"	
900-222			155/6"	



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▶ **900-254 Blowing Brush**



- Clean blowing air effectively clears.
- Ideal for blowing hard-to-reach areas.



Material	OAL. (mm/inch)	Individual packing
Rubber + PC	ø62x130/ø2.4x5.1	Blister card

▶ **900-270 Mini Vacuum Cleaner**



Material	OAL. (mm/inch)	Individual packing
polypropylene	128/5"	Blister card

▶ **900-251/900-252/900-253 Liquid Dispenser Bottles**



- Polyethylene bottles are not chemically reactive
- Purity pump to prevent backwash of contaminants into container



900-253 900-252 900-251



Model No.	Description	Individual packing
900-251	4 oz/114 ml	Poly bag + Hanger
900-252	6 oz/170 ml	Poly bag + Hanger
900-253	8 oz/227 ml	Poly bag + Hanger

▶ **900-230 Flux Bottle**



- Dispenses flux evenly with a fine tipped needle.



ø0.9x34mm

Material	OAL. (mm/inch)	Individual packing
PE	ø37x122/ø1.5x4.8	Poly bag + Hanger (2 pcs/pack)

▶ **900-158 Automatic Center Punch**



High speed steel (HSS)



Tip Material	OAL. (mm/inch)	Individual packing
HSS	133/5.2	Blister card

▶ **900-177 Multi-Fuse Puller**

- Shock-proof durable plastic
- Serrated grip design to prevent slipping
- Safely removes 0~200A/250V and 0~100A/600V Cartridge fuses



Individual packing
Blister card