

# Batteries



## MEGA POWER ZINC CARBON BATTERIES LIVES LONGER!

Widely used for Portable Lights, Alarmsystems, Pool- and Soccer Tables.



BT0912 12 Volt

BT0906 6 Volt

- Reliable power and performance.
- All Zinc Carbon Batteries 0% Cadmium - 0% Mercury.
- Batteries are sealed to assure freshness.

### 6 Volt Battery

- Supplied with spring terminals.
- Easy connection and installation.
- 6V - 6Ah.
- Size: 66 x 66 x 100mm less spring terminals.
- Weight: 0.6kg.

Part no.	Description
BT0906	6V battery

### 12 Volt Battery

- Supplied with screw-cap terminals.
- 12V - 6.5Ah.
- Size: 132 x 67 x 100mm less screw terminals.
- Weight: 1.2kg.

Part no.	Description
BT1012	12V battery



### Lead-Acid Rechargeable Battery

This rechargeable battery can be recharged over 500 times

- Ideal for use in battery operated Pool and Soccer tables.
- Maintenance free!!
- Available in 12V - 3Ah and 7Ah.
- All batteries with 4.8mm terminals.
- Easy connection and installation.
- Sizes: 150 x 65 x 95mm.
- Weight: 2.70kg - 7Ah.

Part no.	Description
BT2012-70	Rechargeable battery 7 Ah



### Pooltable Battery Pack

- 15.0V.
- Non-rechargeable.
- For statesman pooltable.
- Size: 17 x 6.5 x 6cm.

Part no.	Description
E1167	Pooltable battery pack



### Pooltable Battery Pack

- 15.6V.
- Non-rechargeable.

Part no.	Description
E1168	Pooltable battery pack



### Professional Alkaline Batteries

- High capacity battery for use in industrial applications.
- Mercury and Cadmium free.
- With titanium technology.
- Long storage life.
- Sold per package only.

Part no.	Type	Volts	mAh	Pkg
1 BT0003	AAA	1.5	1175	10
2 BT0006	AA	1.5	2700	10
3 BT0014	C	1.5	7750	10
4 BT0020	D	1.5	18000	10
5 BT0022	9V	9.0	550	10



### Rechargeable NiMH Batteries

- Only available in LR6/AA size.
- High capacity 2400 mAh.
- Sold per pack of 4 pcs.

Part no.	Description
BT0016-1	LR6/AA 2400mAh



### Rechargeable Ni-Cad Battery

- Used on PCB for memory back-up.
- 3.6Volt. 60mAh.
- Double tabs on +side, single tab on -side.

Part no.	Description
BT0063-1	3.6Volt NiCad battery



### Memory Back-up Batteries

This type of battery is widely used in the coin-operated industry for memory protection purposes.

Specific features of nickel metal hydride batteries:

- Long-life expectancy.
- Overcharge capability.
- Wide temperature range:
  - Charge 0°C to 45°C.
  - Discharge -20°C to 50°C.
  - Storage -40°C to 50°C.
- No memory effect.

Part no.	Description
BT0502	NiMH battery 2.4V - 160mAh
BT0503	NiMH battery 3.6V - 160mAh



### Lithium Button Cells

Part no.	Description
CR2025	3V 148mAh
CR2430	3V 280mAh
CR2032	3V 220mAh
CR2450	3V 540mAh
CR2354	3V 560mAh



### Rechargeable Ni-Cad Battery

- Used in many Pinballs for memory back-up.

Part no.	Description
VB50710303061	3.6V Ni-Cad battery



Part no. 21-2200



Part no. 21-2201



## GEMINI JR. and SR.

- Strong, light weight multi-purpose handtruck.
- 2-in-1 truck converts from 2-4 wheels in seconds.
- Large ø 25cm pneumatic tires for smooth and easy handling.

Technical details:	Junior	Senior
Overall width (wheelbase):	53cm	53cm
Frame width:	42cm	42cm
Height:	130cm	155cm
Nose size:	45 x 17cm	45 x 17cm
Capacity as hand truck:	225kg	225kg
Capacity as platform truck:	295kg	360kg
Shipping weight:	20kg	21kg

Note: All Magliner Handtrucks are shipped partially assembled to reduce damages and freightcosts.

## All Purpose Hand Truck

- Strong and easy to use.
- ø25cm-10" pneumatic tires for smooth and easy handling.

### Technical details:

Height:	122cm
Width:	43cm
Nose size:	36 x 19cm
Weight:	9kg

Part no.	Description
21-2202	Hand truck



## Series 2000 Hand Truck

- Ergonomically designed handles reduce operator fatigue.
- Platform loading/unloading aids in stacking products.
- Heavy duty aluminium folding plate.
- ø25cm pneumatic tires

### Technical details:

Frame width:	31cm
Total height:	152cm
Load capacity:	225kg
Nose size:	25 x30cm

Part no.	Description
21-2203	Hand truck



132cm Hand Truck with 4th Wheel Attachment

- Great for slot machines, small equipment, supplies, etc
- Large type H nose plate - cast magnesium, 36cm wide, 30cm deep, recessed heel
- Retractable 4th Wheel - Retractable 12.5cm caster wheels support load in incline position. Folds flush against frame when not in use
- Extra high 132cm straight back frame
- Vertical loop handle
- 25 x 9cm pneumatic tires
- Load capacity 225kg
- Model 115-H-1010-WA



Part no.	Description
H33-1257-00	132cm hand truck with 4th wheel attachment



## Parat Tool Case

Complete with 65 Tools

Parat tool case size 45x30x16cm  
Contains a range of tools such as:



- 15 Different screwdrivers.
- 7 Different pliers.
- Portasol professional soldering iron.
- Ratchet crimp plier for insulated terminals.
- Digital multi-meter.
- PLCC and DIL package extraction tools.
- Soldering tools and de-soldering pump.
- Needle files.
- 3 Different hex key sets with inch, metric and torx sizes.
- Torx bit driver set.
- Lamp holder insertion and extraction tools.

Part no.	Description
21-0489	Tool case complete
21-0911	Tool case only (no tools)

## Parat "Classic" Roller Case

The King-Size case with roller wheels



Equipped with 102 different tools!  
Ideal for travelling service technicians who need to carry their own tool set.  
Can be used as trolley.  
Dimensions. 47x36x21cm

Contains almost everything you will ever need for any repair!

- 15 Different screw drivers.
- 8 Different pliers.
- 3 Different hex key sets with inch, metric and torx sizes.
- Soldering tools and de-soldering pump.
- Portasol super-pro soldering iron.
- Digital multi-meter.
- PLCC and DIL package extraction tools.
- Offset ratchet socket driver set.
- Lamp holder insertion and extraction tools.
- Led pocket torch.
- Helping hands unit.

And much more .....



Part no.	Description
21-0488	Tool case complete
21-0912	Tool case only (no tools)



## Tool Case Small Complete with 25 Tools

Soft tool case with 1 removable tool pallet.  
Small lightweight soft case.  
Size 31 x 21 x 9cm.  
Included shoulder strap.

### Contains basic set of tools:

- 6 Different screwdrivers.
- 5 Different pliers.
- Portasol professional soldering iron.
- Digital multi-meter.
- 6 Pieces soldering tools.
- Needle files.
- Hex key sets with inch sizes.
- Wire stripping Tool.

Part no.	Description
21-0487	Tool case complete
21-0915	Tool case only (no tools)



## Tool Case Complete with 39 Tools

Affordable toolcase equipped with most necessary tools

- 8 Different screwdrivers with Philips and Slotted blades.
- 3 Different pliers.
- 2 Folding hex key sets with inch and metric size keys.
- Portasol professional soldering iron.
- Wire stripping tool.
- Ratchet crimp plier for insulated terminals.
- Digital multimeter.
- Desoldering tool.
- Torx bit driverset 11 pieces.

And much more.....

Part no.	Description
21-0484	Tool case complete
21-2150-1	Tool case only (no tools)



## Professional Electronic Tool Case

### Contains 45 pcs of tools:

- Anti-static wrist strap.
- Needle file set 5 pcs.
- Digital multimeter with buzzer and temperature measurement.
- Portasol professional soldering iron.
- Electronic desoldering pump.
- IC extraction tool.
- Anti-static tweezer set.
- Inspection mirror.
- 9 pcs soldering aids with 12 functions and more.....

Part no.	Description
21-0490	Tool case complete
21-0915	Tool case only (no tools)



## Universal Colour TV Alignment Tool Kit

- Kit contains 1 each: "Extend-it" shaft extension Zenith alignment tool 5" hex wrench
- Hex iron core tool
- Hex core tool
- Double end tool
- 5 different alignment tools for all standard adjustments
- All tools are made of Delrin in various colours for easy identification
- Included is the "Extend-it" to adapt each alignment tool for longer reach

Part no.	Description
H92-0196-00	Universal colour TV alignment tool kit



## Magnetic Screwdriver

- Industrial quality screwdriver
- Magnetic shank with flip top cap
- 1/4" Hex insert bit
- Includes 4 bits in handle - Phillips #1, #2 and Flat #4, #6
- Shaft length 27cm

Part no.	Description
H49-0586-00	11" magnetic screwdriver with 4 bits



## Torx Bit Driver Set

- Double sided driver for use in horizontal or vertical position.
- Including Torx bits in size T8 - T10 - T15 T20 - T25 - T27 - T30 and T40 for tamperproof Torx screws.
- Including Philips bits #1, #2 and Slotted bits 4.5mm and 6.0mm.
- Magnet holds bits and screw.
- Bits are stored in a handy bitholder.

Part no.	Description
21-0260-1	Torx bit driver set



## Philips Screw Drivers

- Unique soft grip handle design.
- Comfortable use and improved grip.
- Hardened Chrome-Vanadium blades.
- Satin Chrome plated blades and black finish on tips.

Part no.	Description
21-0304	Philips #0 - Shaft 100mm (4")
21-0305	Philips #1 - Shaft 100mm (4")
21-0307	Philips #2 - Shaft 58mm (2-1/4")



## Tamper Resistant Torx Screw Drivers

- Unique soft grip handle design.
- Comfortable use and improved grip.
- Hardened Chrome-Vanadium blades.
- Satin Chrome plated blades and black finish on tips.
- For use with regular and tamper resistant torx screws.

Part no.	Description
21-0385-10	Torx T10 - Shaft 80mm (3")
21-0385-15	Torx T15 - Shaft 80mm (3")
21-0385-20	Torx T20 - Shaft 80mm (3")
21-0385-25	Torx T25 - Shaft 80mm (3")
21-0385-27	Torx T27 - Shaft 80mm (3")
21-0385-30	Torx T30 - Shaft 100mm (4")
21-0385-40	Torx T40 - Shaft 100mm (4")

Part no.	Description
21-0318	Full set Torx 7 pieces

## 8 pieces screwdriver set 4 x Slotted and 4 x Philips

Part no.	Description
21-0317	Screwdriver set 8 pieces



## Slotted Screw drivers

- Unique soft grip handle design.
- Comfortable use and improved grip.
- Hardened Chrome-Vanadium blades.
- Satin Chrome plated blades and black finish on tips.

Part no.	Description
21-0324	Slotted 3.2mm - Shaft 100mm (4")
21-0325	Slotted 5.0mm - Shaft 100mm (4")
21-0327	Slotted 6.0mm - Shaft 58mm (2-1/4")



## Philips and Slotted Bit Set

- Complete set of 10 double sided bits.
- Includes all sizes Philips and Slotted bits.

Part no.	Description
21-2112	Bit set



## Offset Socket Driver Set with Ratchet

- Offset socket driver with reversible ratchet for maximum efficiency.
- Including 6 Hexagon sockets in inch sizes: 3/8 - 11/32 - 5/16 - 1/4 - 7/32 - 3/16.
- 3 Slotted screw driver bits in 4-5 and 6mm.
- 2 Philips bits #1 and #2.
- 2 Pozidrive bits #1 and #2.
- 3 Torx bits T10-T15 and T20.

Part no.	Description
21-0470	Offset socket driver set





### Arrow T25 Wire Tacker

- For fastening wire up to 6.5mm<sup>2</sup>.
- Tapered nose gets into tight corners.
- All steel construction, chrome finish.

Part no.	Description
21-0165	Arrow T25 tacker



### Arrow Staples for T25 Wire Tacker

- First quality cable staples, sold in boxes of 1000 pcs.
- Available in 11-14mm.

Part no.	Description
21-0166	Staples 11mm - 7/16"
21-0167	Staples 14mm - 9/16"



### Ratchet Screw Driver Set

- High torque reversible ratchet screw driver.
- Torque up to 235kgf/cm.
- Including Torx bits T6 - T7 - T8 - T9 - T10 T15 and T20.
- Hexagon sockets in inch sizes: 3/16 - 1/4 9/32 - 5/16 - 11/32 and 7/16.
- Hexagon bits 1-1/2 - 2 - 2-1/2 - 3 - 4 5 - 6 and 8mm.
- Pozidrive bits #0 and #1 and #2.
- Philips bits #0 - #1 and #2.
- Slotted bits in 3 - 4.7 and 6.3mm.

Part no.	Description
21-0471	Ratchet screw driver set



### Facom Wrench Set

- Made by Facom.
- **Includes:**
- 10 Hexagon sockets in inch sizes: 7/32 - 1/4 - 9/32 - 5/16 - 11/32 - 3/8 13/32 - 7/16 - 1/2 and 9/16"
- 2 Phillips bits #0 and #1.
- 3 Slotted bits in 4 - 6 and 8mm.
- 4 Hexagon bits in inch sizes: 1/8 - 3/16 - 5/32 and 7/32".
- 2 Different size extensions.
- 2 Spinner handles.
- 1 Ratchet handle.
- All together stored in a strong unbreakable box.

Part no.	Description
21-0477	Wrench set



### Universal Colour TV Alignment Tool Kit

- Kit contains 1 each: "Extend-it" shaft extension Zenith alignment tool 5" hex wrench
- Hex iron core tool
- Hex core tool
- Double end tool
- 5 different alignment tools for all standard adjustments
- All tools are made of Delrin in various colours for easy identification
- Included is the "Extend-it" to adapt each alignment tool for longer reach

Part no.	Description
H92-0196-00	Universal colour TV alignment tool kit

### Hex Key Set Inch Sizes



- Range of 7 popular inch size Hexagon keys.
- 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 and 1/4".
- Laquered steel case.
- Keys made from 8660 chrome vanadium steel.

Part no.	Description
21-0345	Hex key set inch sizes

### Hex Key Set Metric Sizes



- Range of 7 popular metric size Hexagon keys.
- 1-1/2 - 2 - 2-1/2 - 3 - 4 - 5 and 6mm.
- Laquered steel case.
- Keys made from 8660 chrome vanadium steel.

Part no.	Description
21-0346	Hex key set metric sizes

### Torx Key Set



- Range of 8 popular Torx keys.
- T9 - T10 - T15 - T20 - T25 - T30 and T40.
- For use with tamperproof or normal Torx screws.
- Laquered steel case.
- Keys made from 8660 chrome vanadium steel.

Part no.	Description
21-0347	Torx key set

### Hex Key Set Inch Sizes



- Made by Snap-On-Tools USA.
- Prevents loss of loose keys.
- 9 inch sizes Hexagon keys: .050 - 1/16 5/64 - 3/32 - 7/64 - 1/8 - 9/64 - 5/32 and 3/16".
- Chrome plated steel handle.
- Superior quality.

Part no.	Description
21-0008	Hex key set



## Electronic Cutters and Pliers



### Cutting Plier

- Induction hardened cutting edges.
- Slim line tapered head.
- Double leaf springs.
- Insulated grips.
- Length: 110mm (4-1/4").

Part no.	Description
21-0460	Cutting plier



### Needle Nose Plier

- 48.5mm long needle nose.
- Jaws with teeth.
- Double leaf springs.
- Insulated grips.
- Length: 150mm (6").

Part no.	Description
21-0461	Needle nose plier



### Flat Nose Plier

- Smooth jaws.
- Double leaf springs.
- Insulated grips.
- Length: 135mm (5-1/4").

Part no.	Description
21-0462	Flat nose plier



### Bent Nose Plier

- Smooth jaws.
- Double leaf springs.
- Insulated grips.
- Length: 135mm (5-1/4").

Part no.	Description
21-0463	Bent nose plier



### Cutting Plier

- Insulated grips.
- Length: 125mm (5").

Part no.	Description
21-0451	Cutting plier



### Needle Nose Plier

- Insulated grips.
- For entry in hand to reach areas.
- Length: 150mm (6").

Part no.	Description
21-0452	Needle nose plier



### Long Nose Plier

- Insulated grips.
- Jaws with teeth and side cutters.
- Length: 125mm (5").

Part no.	Description
21-0453	Long nose plier



### Flat Nose Plier

- Insulated grips.
- Smooth jaws.
- Length: 125mm (5").

Part no.	Description
21-0454	Flat nose plier



### Bent Nose Plier

- Insulated grips.
- Smooth jaws.
- Length: 125mm (5").

Part no.	Description
21-0455	Bent nose plier



### Micro Cutting Plier

- This cutting plier is designed for delicate work.
- Insulated handles.
- Length: 125mm (5").

Part no.	Description
21-0450-1	Micro cutting plier



### Miniature Locking Plier

- Tight grip in tight spots.
- Length: 100mm (4-1/4").

Part no.	Description
21-0677	Locking plier



## Universal Stripping Tool

- High quality stripping and crimping tool.
- SK7 alloy steel, hardness HRC 48-52.
- Strips 10 to 20 AWG wire.
- Cuts standard solid wire.
- Cuts unhardened bolts and screws.
- Crimps bare and insulated terminals.
- Loops wire from front to tool.
- Crimps coaxial connector for 6.0 size.
- Cushioned grips for comfortable use.

Part no.	Description
21-0003-1	Universal stripping tool



## Wire Stripping Tool

- For use on wire size.
- Range 16-26 AWG.
- Also useful for wire cutting.

Part no.	Description
21-0004	Stripping tool



## Crimp Tool for Insulated Terminals

- Built-in ratchet for maximum force and efficiency.
- Crimps red, blue and yellow insulated terminals.
- Crimping range 10-20 AWG.

Part no.	Description
21-0010	Crimp tool



## Crimp Tool for Non-Insulated Terminals

- Built-in ratchet for maximum force and efficiency.
- Crimps non-insulated terminals.
- Crimping range 10-20 AWG.

Part no.	Description
21-0018	Crimp tool



## Adjustable Angle Wrench

- Adjustable angle wrench 150mm (6").
- Drop forged - heavy duty.
- Chrome vanadium.
- Metric scale on jaw.
- Handle, jaw and body are hardened up to 40-50° HRC.

Part no.	Description
21-0316	Adjustable angle wrench



## Awl

- Simple awl with plastic grip.

Part no.	Description
21-2117	Awl



## Scissors

- Professional electrician scissor.
- Length 150mm (6").

Part no.	Description
21-0416-1	Scissors



## Seizers

- Ideal for clamping wires, for soldering, acts as heat sink.
- Retrieval of small parts in hard-to-reach places.
- 3 position snap lock.

Part no.	Description
21-0424	Seizers



## Tape Measure

- 200cm long with stop.

Part no.	Description
21-2070	Tape measure



## Razor Blade Holder and Scraper

- Ideal to remove stickers etc.
- Easy replaceable razor blade.
- Holds blades tight for scraping jobs.

Part no.	Description
21-0425	Razor blade holder



## Razor Blades

- Single side razor blade
- Sold per box of 5 pcs .

Part no.	Description
21-0425-1	Razor blades





## Digital Multimeter de Luxe

**Professional Multimeter with temperature measurement and large LCD display**

- Exceptional value.
- Impact resistant holster.
- Diode and Hfe test.
- Frequency and capacitance.
- Circuitry tester with buzzer.

DC Voltage:	200mV - 1000V /±0.5%
AC Voltage:	200V - 700V /±0.8%
DC Current:	200uA - 20A /±0.2%
Resistance:	200Ohm - 2MOhm /±0.15%
Capacitance:	200pF - 20uF /±2.5%
Frequenz:	20kHz /±1%
Temperature:	-40° - 1000°C /±1%
Max. display:	1999
Battery:	9V PP3

Part no.	Description
21-0063	Digital Multimeter de Luxe



## LED Keychain

- Extremely long lasting.
- Super bright white LED light.
- Strong aluminium and rubber body.
- Small, can be used as key-ring.
- Supplied complete with 3 L1154 button cell batteries.

Part no.	Description
21-0126	LED Keychain

## Digital Multimeter

- 19 Ranges.
- Diode and transistor test.
- Buzzer for:

DC	20 - 1000V
AC	20 - 700V
DC	20 - 10A
Resistance:	200Ohm - 2MOhm

Part no.	Description
21-0062	Digital Multimeter



## Telescopic Pick-up Tool

- Telescopic retrieving tool.
- Magnetic tip, ideal for retrieving screws etc.
- Length: closed 170mm, open 540mm.

Part no.	Description
21-0444	Pick-up tool

**USE OUR SERVICE!**  
All parts in one hand for low service cost



## Gripper Set

- Set of 1 gripper and 1 magnet for retrieval of small parts.

Part no.	Description
21-2118	Gripper set

## Slot mains Tester/ Screwdriver

- Fully insulated pocket screwdriver.
- With indicator lamp and pocket clip.
- 110/220V AC test on outlet and fuses etc.
- Length ca 70mm (3").

Part no.	Description
21-0105	Slot mains tester



## Penlight

- Works on 2 AAA batteries. (Not included)

Part no.	Description
21-0125-1	Penlight



## IC Remover

- For easy removal of integrated circuits.

Part no.	Description
21-0632	IC remover





## DIL Extraction Tool

- Extraction tool for removal of (DIL) Dual in line packages.
- Stainless steel with insulated vinyl grip.

Part no.	Description
21-0436	DIL Extractor



## Magnetiser / De-Magnetiser

- Simple device to magnetise or de-magnetise screwdriver blades or other tools made of steel.

Part no.	Description
21-0012	De-Magnetiser



## Needle File Set

- Set of 5 needle files.
- Different shapes with PVC-grip.
- Length of file is 95mm (3-1/2"), overall length 170mm (6-3/4").

Part no.	Description
21-0015	Needle file set



## PLCC Extraction Tool

- Extraction tool for removal of PLCC's from sockets.
- Stainless blades and black plastic grip.

Part no.	Description
21-0434	PLCC Extractor

## Lightwave 2000™ Led Flashlight



- Super-bright white light, visible for over one mile
- Solid-state Light Emitting Diodes (LEDs) do not burn out. Typical lifetime: over 11 years of continuous use
- Space-age solid-state circuitry allows a set of batteries to last 14 times longer than a regular flashlight (over 300 hours)
- waterproof up to two feet - not just water resistant
- Shockproof up to a 10 foot drop
- 3 year warranty - does not cover the batteries or abuse

- High impact composite case
- Utilizes four high-powered super-bright white LED light sources
- Three AA alkaline batteries are included
- Twist flashlight head for easy on/off
- Size: 3 D x 18 L

Part no.	Description
H49-6119-00	Lightwave 2000™ LED flashlight



## Switch Blade Adjuster

Part no.	Description
21-0020	Switch blade adjuster



## Spring Hook

- Double sided spring hook.
- Can grab small spring and wires.

Part no.	Description
21-0418	Spring hook



## Ratchet 3/8" and 7/16"

- Made by Klein Tools USA.

Part no.	Description
21-0360	Ratchet



## Luxeon High Power LED Flashlight

- Operates with 1 Ultra bright white LED.
- High impact aluminium / rubber case.
- Two degrees of lighting force, operated by on/off pushbutton.
- Pushbutton switch for on/off.
- Strong nylon strap included.
- Operated by 1 high power Lithium.
- Battery (CR123A) 3V 1600mAh (included).
- Size (DxL) 35mm 1.3" X 130mm 5".

Part no.	Description
21-0127	Luxeon high power LED flashlight



## Ultra-Bright LED Flashlight

- Operates with 3 bright white LED's.
- High impact rubber case.
- Pushbutton switch for on/off.
- Rubber strap included.
- Requires 4 AA size batteries (not included).
- Size (DxL) 65mm 2.5" X 190mm 7.5".

Part no.	Description
21-0128	Ultra bright flashlight



## Mini Head Lamp

- Durable and waterproof.
- With focus function.
- Replacement bulb included.
- Requires 2 AA size batteries (not included).

Part no.	Description
21-0129	Mini head lamp



## Portasol Butane Gas Soldering Iron

- Pocket size soldering iron.
- Adjustable 10 - 60W.
- Heats up in 25 seconds.
- Gas capacity for 60 minutes.
- Available as soldering iron only or as complete set.
- Adjustable temperature control 25 - 125W.
- Set includes: Soldering ironblow torch - Hot blower - Hot knife and Sponge in carrying case.



## Portasol SuperPro Soldering Iron

- Multi purpose heat tool.
- Piezo ignition for total convenience.
- Refills in 30 seconds with standard butane lighter fuel.
- Average time between refills - 2 hours.
- Adjustable temperature control 25 - 125W.
- Anti-static.
- The very best in convenience and versatility.
- Available as soldering iron or complete set.

Part no.	Description
21-0807	Portasol soldering toolkit
21-0808	Portasol soldering iron
21-0807-1	Replacement tip 1.0mm single (1/32")
21-0807-2	Replacement tip 2.4mm single (3/32")
21-0807-3	Replacement tip 3.2mm single (1/8")
21-0807-4	Replacement tip 4.8mm single (3/16")
21-0807-5	Hot blower
21-0807-7	Hot knife

Part no.	Description
21-0811	Portasol SuperPro soldering kit
21-0810	Portasol SuperPro soldering iron
21-0810-1	Replacement tip 1.0mm single flat (1/32")
21-0810-2	Replacement tip 2.4mm single flat (3/32")
21-0810-3	Replacement tip 3.2mm single flat (1/8")
21-0810-4	Replacement tip 4.8mm single flat (3/16")
21-0810-5	Replacement tip 1.0mm double flat
21-0810-6	Replacement tip 2.4mm double flat
21-0810-7	Replacement tip 3.2mm double flat
21-0810-8	Replacement tip 4.8mm double flat
21-0810-9	Hot blower
21-0810-10	Hot knife
21-0810-11	Deflector





## Desoldering Tool

- Vacuum-action makes repair simple.
- Removes solder in single handed operation.

Part no.	Description
21-0213	Desoldering tool
21-0213-1	Replacement tip



## Solder 60/40

- 60% tin - 40% lead.

Part no.	Description
21-0710-10	Solder 1mm 100gr
21-0700-8	Solder 0.8mm 500gr
21-0701-10	Solder 1mm 1000gr



## Helping Hands

- Usefull unit allows any object to be held in position.
- Enables user to keep both hands free for soldering etc.

Part no.	Description
21-0013-1	Helping hands



## Desoldering Tool

- Single hand operation.
- Easy maintenance by twist-lock system.

Part no.	Description
21-0214	Desoldering tool
21-0214-1	Replacement tip



## Universal Solder Dispenser

- Wire is fed through a dispensing eye.
- Suitable for 0.5Kg / 1lb or 1Kg / 2lbs reels.

Part no.	Description
21-0713	Solder Dispenser



## Soldering Aids

- Plastic moulded Hexagon handles.
- Ideal for use in board repair.
- 6 pcs set with 12 functions.
- Indispensable accessories like brush, scraper, knife, hook, fork and spike.

Part no.	Description
21-0633	Soldering aids



## Electronic Desoldering Tool

- Fits in any toolcase.
- Melts solder and remove it in single hand operation.
- CE and UL approved.

Part no.	Description
21-0215	Electronic desoldering tool
21-0215-1	Replacement tip
21-0215-2	Replacement heating element



## Inspection Mirror

- All-angle ball joint mirror.
- Stainless steel mirror back.
- For visual inspection of hidden areas.
- Overall length: 220mm.

Part no.	Description
21-0443	Inspection mirror



## Soldering Stand

- Simple iron-parking.
- Including sponge.

Part no.	Description
21-0714	Soldering stand



## Desolder Strip

Length: 1.5 mtr (40") long.

Part no.	Description
21-0100	1.4mm desolder strip (.050")
21-0100-1	2mm desolder strip (.075")

