



# UK Approved Toolkit

# FABRIC ENGINEER TOOLKIT



5903790

### 5903790 Beechwood Mallet

490g (17oz) beechwood mallet. Solid head and angled striking faces. Tapered morticed shaft. Average face size 80 x 55mm. Sold loose.



5903926

### 5903926 1kg Hickory Shaft Club Hammer

Forged head from high fine grain carbon steel correctly hardened and tempered. The striking faces are accurately ground and polished. The shaft is made from first quality straight grained hickory.

Weight: 1.0kg (2.2 lb).



6800158

### 6800158 300mm Hacksaw Frame and Blade

Traditional pattern with an adjustable chrome plated tubular frame for 300mm blades. Frame has two sets of blade spigots which allows straight or 45° cutting. Can be used as a rod saw. Enamelled aluminium handle. Supplied with a 300mm HSS blade. Display packed.

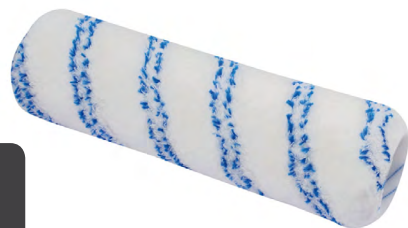


6800139

### 6800139 Bi-Metal Hacksaw Blades

Conforms to BS 1919

10 x 300mm 24tpi bi-metal hacksaw blades. Saw edge, manufactured from high speed steel strip, electron beam welded to high quality carbon steel backing. Display packed ten blades per card. Pitch: 24.



59088946

### 59088946 43x230mm Medium Pile Microfibre Paint Roller Sleeves

Medium pile rollers for semi-smooth surfaces. Suitable for use with 230mm paint roller frames. The high density microfibre fabric maintains its shape through use, delivering a superior cover and smoother finish with maximum paint pick-up and little to no fibre loss. Supplied in a polybag with label.

Size: 43mm



5901114

### 5901114 43x230mm Short Pile Microfibre Paint Roller Sleeves

Short pile rollers are designed to be used on smooth surfaces. Suitable for use with 230mm paint roller frames. The high density microfibre fabric maintains its shape through use, delivering a superior cover and smoother finish with maximum paint pick-up and little to no fibre loss. Supplied in a polybag with label.

Size: 43mm



6202048

### 6202048 Technicians Toolbag

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.



6200241

### 6200241 16 Pocket Tool Pouch

Heavy duty nylon tool pouch, comprising 16 pouches of varying sizes, hammer loop, measuring tape clasp and chain. Supplied with 50mm wide adjustable webbing belt. Display carton.



5950100

### 5950100 600mm Optivision Level

Highly visible red Opti-vision™ tilted vial which allows single bubble view over 90° and front viewing Plumb Site® Dual View™ RedEffect™ vial. Aluminium box section extrusion with milled base (not 1800mm), curved top, electrostatically powder coated and baked with polyester acrylic paint Ergo Grip™ nonslip soft grip handles, tough bi-material end caps, anti-slip wall pads and vertical vials. Accuracy 0.5mm per 1M = 0.029° in standard position. Length: 600mm.



5950743

### 5950743 8 Piece Wood Chisel Kit

Comprising six chisels (blade widths: 6, 12, 20, 26, 32 and 38mm), honing guide and aluminium oxide sharpening stone. Chisels have full length bevel edged blades, manufactured from chrome vanadium steel hardened, tempered, finely ground and clear lacquer coated for corrosion protection. Impact-resistant soft grip polypropylene handles. Display packed in blow mould case.



5902346

**5902346****Brass Plumb Bob 100g**

Precision machined solid brass plumb bobs with 5M (approx.) of nylon line. Display packed.



5950450

**5950450****Hardpoint Handsaw 500mm**

Soft grip hardpoint handsaw. Japanese high carbon steel hardened, tempered, straightened and stress relieved to ensure blade straightness. Fine ground blade surface coated in ultra-tough lacquer to prevent corrosion and ease friction during sawing. Triple ground tooth design to allow fast cutting and sawdust removal in both forward and reverse action. Each tooth is hardened to prevent tooth snap. Pitch: 11/12 Fine Cut.



5300707

**5300707****Masking Tape Roll 50m x 25mm**

Low tack, easy tear and re-positional. Ideal for professional usage. Can be used for low bake masking applications. Clean peel up to 12 hours after usage. Display packed.

Width: 25mm.



5300706

**5300706****Masking Tape Roll 50m x 50mm**

Low tack, easy tear and re-positional. Ideal for professional usage. Can be used for low bake masking applications. Clean peel up to 12 hours after usage. Display packed.

Width: 50mm.



5902357

**5902357****200mm Combination Pliers**

Manufactured to DIN Standard.

Drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Lacquered finish for corrosion protection with heavy duty, soft grip handles with slip guards. Display packed.

Cuts hard wire: 2.3mm  
Cuts med hard wire: 3.8mm  
Length: 200mm



5901095

**5901095****5m / 16ft x 27mm Measuring Tape**

Manufactured to EC Class II Accuracy

Tough impact resistant ABS case with belt clip and TPR soft grip jacket fitted with 'bump-stop' prolonging the life of the tape. The tape lock button can be operated from the side and bottom and when finished the braked return mechanism ensures a smooth return. The nylon-coated tape has metric and imperial graduations on both sides and stud centre markings every 16" and 19.2" and is fitted with a self-aligning, double ended, magnetic end-hook providing easy attachment and measuring from both sides of the tape. Display packed. Length: 5m / 16ft. Width: 27mm.



5930555

**5930555****Triple Suction Lifter**

For the easy lifting of smooth flat surface materials, i.e. glass, marble etc. Suction cups 123mm diameter. Maximum lift 75kg; safe working load (S.W.L.) 37.5kg. Manufactured from high density aluminium alloy. Display packed.



5902369

**5902369****Twin Suction Cup Lifter**

For the easy lifting of smooth flat surface materials, i.e. glass, marble etc. Manufactured from tough plastic with rubber suction cups. Suction cups 118mm diameter. Maximum lift 40kg; safe working load (S.W.L.) 20kg. Display packed.





5950540

**5950540****Electricians Bolster with Hand Guard**

Generally in accordance with BS3066:1995  
Ground cutting edges and octagonal shank. Fitted with impact absorbing hand protection grip. For levering up and cutting through the tongues and grooves of floorboards. Sold loose.

Dimensions: 225 x 60mm.



5902365

**5902365****Rubber Sanding Block**

Black rubber with metal grip pins in each end. Can be used with wet and dry paper. Display packed.

Size: 125 x 70 x 35mm

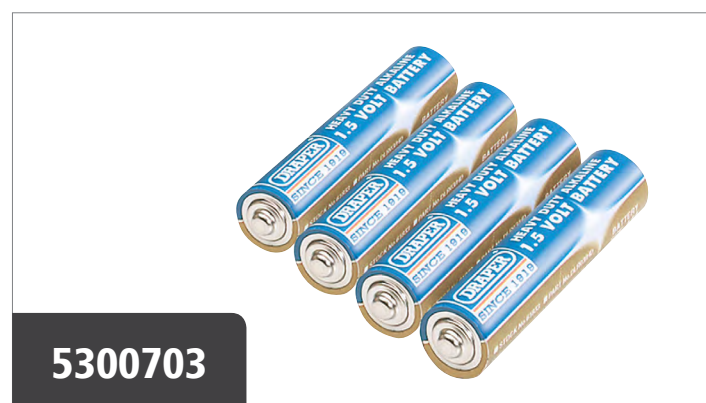


5950522

**5950522****Brick Bolster with Hand Guard**

Generally in accordance with BS3066:1995  
Ground cutting edges and octagonal shank. For cutting bricks and composite blocks. Fitted with impact absorbing hand protection grip. Sold loose.

Dimensions: 225 x 100mm.  
Blade Width: 100mm.



5300703

**5300703****4 Heavy Duty AAA-Size Alkaline Batteries**

4 Heavy Duty AAA-Size Alkaline Batteries



5901141

**5901141****230mm (9") Roller Frame for 43mm Sleeves**

Chrome plated cage frame with plastic moulded handle able to accept extension poles. The roller uses 230mm wide push-fit sleeves. Display packed.

Size: 43mm

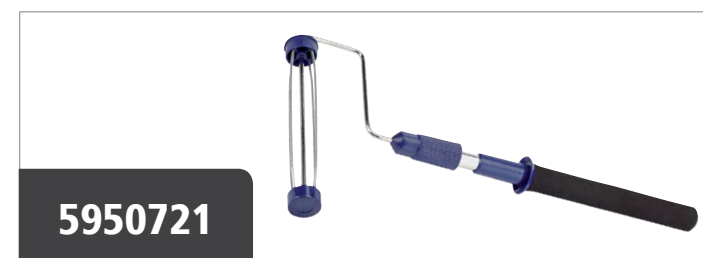


5901082

**5901082****100mm Soft Grip Filling Knife**

Fully polished flexible steel blades, each precision ground, hardened and tempered and attached to a soft grip handle with hang hole. Display packed.

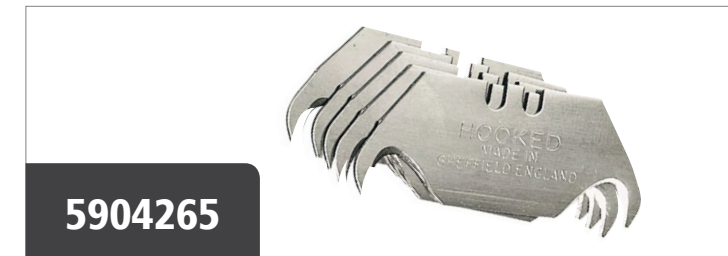
Blade Width: 100mm



5950721

**5950721****Extendable Paint Roller Frame**

Heavy duty chrome plated frame with soft grip handle which extends from from 330 to 580mm. The roller uses 38mm diameter x 230mm wide push-fit rollers. Display packed.



5904265

**5904265****Card of 5 Hooked Trimming Knife Blades**

Reversible polished steel blades with accurately ground cutting edges.

Packed: 5 blades per display card.  
Type: 2 notch (hooked)

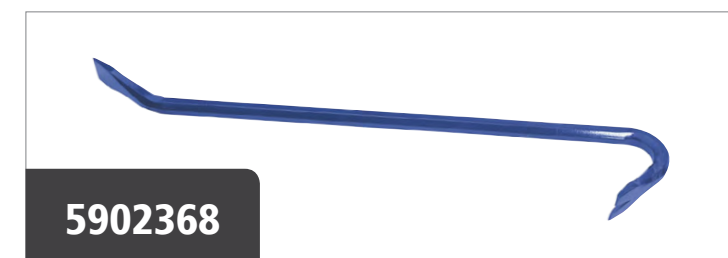


5901081

**5901081****50mm Soft Grip Stripping Knife**

Fully polished steel blade with soft grip handle and hang hole. Display packed.

Blade Width: 50mm

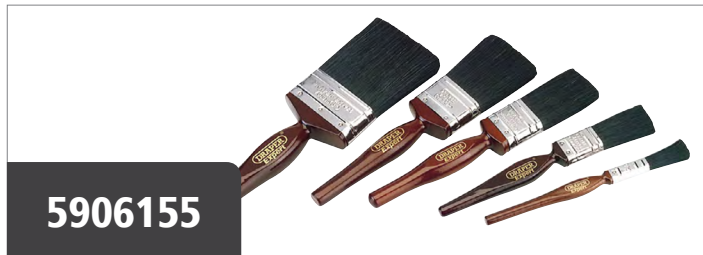


5902368

**5902368****600mm Wrecking Bar**

For dismantling timber work, case opening, etc. and removing nails. Forged high grain steel with chisel end and swan neck. Sold loose.

Length: 600mm



5906155

### 5906155 5 Piece Paint Brush Set

Dense full length pure bristle paint brushes with taper cut ends held in stainless steel ferrule. Painted hardwood handle. Display packed.

Contents:  
Brush Widths 12, 25, 38, 50 and 75mm



5950529

### 5950529 Octagonal Shank Cold Chisel

Generally in accordance with BS3066:1995  
19 x 250mm octagonal shank chisel from selected steel with polished cutting edge. Sold loose.

Blade Width: 19mm.  
Blade Length: 250mm.



5902366

### 5902366 Caulking Gun 225mm

Steel skeleton frame, handle with plunger and release clip.  
Compatible with 225ml sealant tubes. Sold loose.

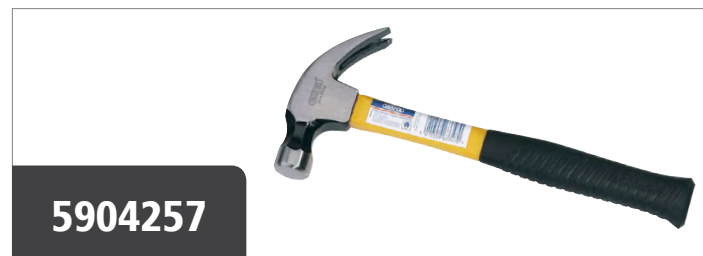


5901115

### 5901115 Paint Roller Kit 230mm

230mm paint roller frame fitted with medium pile polyester sleeve.  
Supplied with plastic paint tray. Display packed.

Size: 43mm



5904257

### 5904257 Fibreglass Shafted Claw Hammer

Forged from fine grain carbon steel correctly hardened, tempered with a partly black painted head. Fibreglass shaft fitted with comfortable shock-absorbing rubber grip. Sold loose.

Weight: 560g (20oz)



5904378

### 5904378 Quick Change Trimming Knife

Retractable pattern complete with 2 two notch blades. Special banding cutting feature - allows banding to be inserted and cut without exposing whole blade. Diecast heavy duty zinc alloy with rubber soft grip inserts and push out spare blade carrier. Display packed.



5950628

### 5950628 400mm Laser Level Kit with 360° Swivelling Tripod

Designed for use where a constant level or repeat level measurements are required. Applications include alignment of windows, dado rails, kitchen units, stairs, outdoor levelling etc. One horizontal vial and revolving angle finder. Accuracy 0.5mm per 1M = 0.029° in standard position. Supplied with heavy duty adjustable tripod (max. height 1.18M), rotating base marked 360° for mounting level, laser enhancement glasses, two brass 90° line generating glass prisms and two AAA batteries. Packed in blow mould carrying case with display sleeve.



5305261

### 5305261 3.6 x 3.6m Cotton Dust Sheet

Ideal for home decorating. Packed in polythene bag.

Size: 3.6 x 3.6m



5902367

### 5902367 8 Piece Cabinet Screwdriver Set

Screwdrivers with chrome vanadium steel blades, correctly hardened and tempered with sand blasted tips. Some sizes are fitted with a hexagon bolster which enables extra power to be obtained by the use of a spanner. Flat oval colour coded cabinet pattern handles ensure high torque and user comfort. Packed in tray with plastic insert. PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems. \*Pozidriv®/Supadriv® are registered trademarks of Trifast Plc.

Contents:  
5 plain slot size: 6 x 38, 3 x 63, 5 x 100, 6 x 100 x 6 and 8 x 150mm  
2 PZ TYPE No.1 and 2  
1 PZ TYPE chubby: No.2



5300705

### 5300705 10 x Glasspaper Sheet Assortment 280 x 115mm

A general purpose abrasive 1/2 sheet for use on woodworking applications. Can be used with orbital sanders or hand sanding blocks. Packed 10 sheets per pack.

Contents:  
2 x P120; 4 x P60 and 4 x P40





5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg)



5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg) Tether length: 7.5"/19cm Wrist Measurement: S/M 5" (13cm) – 7" (18cm) Wrist Measurement: L/XL 7" (18cm) – 8 1/2" (22cm)

**Fold Flat Sign**

Fold flat A-frame sign supplied with 10 interchangeable signs (2 of each sign) in a storage case.

Size of fold flat sign: 61cm x 29cm



5301333

**5301333****Pack of Three Carpenters Pencils**

Traditional pattern broad (medium) lead pencils. Pencil length 174mm. Display packed three pencils per card.



5550111

**5550111****230V 13A RCD Adapter**

Tested to BS 1363 and IEC 61540 For use in domestic and industrial premises where RCD protection is required. Has reset and test facility. Can be plugged into standard 13A socket. Display packed.

Rated voltage: 230 - 250V/AC  
Load: 3120W (max.)  
Maximum operating current: 13A  
Rated trip current: 30mA  
Trip speed: 30mS (typical)  
Double pole RCD contact break.



5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).



5905663

**5905663****Quickblade 180 Safety Knife**

No tool blade change. Powder coated finish. Easy to use. Form fitting handle. Eliminates loose blades from the workplace. QuickBlade 180 cuts both ways. A useful utility knife that let's you pack 2 blades, one for a certain type of cutting and another for some other task. Instead of storing 2 types of cutters in your tool chest, use the QuickBlade 180 (CQB - 180), for your multi-task cutting jobs, saving you time and space.

# **ELECTRICAL ENGINEER TOOLKIT**





5903164

**5903164****10 Piece Schroder Screwdriver Bit Dispenser Set**

Magazine-type insert bit dispenser supplied with nine multi-purpose 1/4" insert bits and a magnetic bit holder. Sold loose.

\*Pozidriv®/Supadriv® are registered trademarks of Trifast Plc.

Contents:

3 plain slot bits size: 4.5, 5.5 and 6.5mm

3 cross slot bits: No.1, 2 and 3

3 \*Pozidriv®/Supadriv® bits: No.1, 2 and 3



6800158

**6800158****300mm Hacksaw Frame and Blade**

Traditional pattern with an adjustable chrome plated tubular frame for 300mm blades. Frame has two sets of blade spigots which allows straight or 45° cutting. Can be used as a rod saw. Enamelled aluminium handle. Supplied with a 300mm HSS blade. Display packed.



5903572

**5903572****5 Piece Offset Metric Ratcheting Ring Spanner Set**

With reversible ratchet ring head in each end. Working parts manufactured from chrome vanadium steel hardened and tempered, with plastic coated carbon steel body panels.

Display packed.

Contents: 6 x 8, 10 x 12, 11 x 13, 14 x 17 and 19 x 21mm.



5904925

**5904925****Utility Key**

With two square, one triangle and one stepped key profile plus a double-ended 7mm plain/No.2 cross slot insert bit 40mm long. Holder included for 1/4" insert bit. Display packed.



6800139

**6800139****Bi-Metal Hacksaw Blades**

Conforms to BS 1919

10 x 300mm 24tpi bi-metal hacksaw blades. Saw edge, manufactured from high speed steel strip, electron beam welded to high quality carbon steel backing. Pitch: 24.

Display packed ten blades per card.



5904257

**5904257****Fibreglass Shafted Claw Hammer**

Forged from fine grain carbon steel correctly hardened, tempered with a partly black painted head. Fibreglass shaft fitted with comfortable shock-absorbing rubber grip. Sold loose.

Weight: 560g (20oz)



5902377

**5902377****6 Piece 'Pound Thru' Screwdriver Set**

Hexagonal section chrome vanadium steel blades hardened, tempered and satin chrome plated finish with sand blasted tips. Handles are 'soft grip' polymer vulcanized with rooted cap allowing handle to be struck without causing damage. Colour coded handles. PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Contents:

2 plain slot size: 6 x 100 and 8 x 150mm, 2 cross slot: No.2 and 3

PZ TYPE: No.2 and 3



5950100

**5950100****600mm Optivision Level**

Highly visible red Opti-vision™ tilted vial which allows single bubble view over 90° and front viewing Plumb Site® Dual View™ RedEffect™ vial. Aluminium box section extrusion with milled base (not 1800mm), curved top, electrostatically powder coated and baked with polyester acrylic paint Ergo Grip™ nonslip soft grip handles, tough bi-material end caps, anti-slip wall pads and vertical vials. Accuracy 0.5mm per 1M = 0.029° in standard position.

Length: 600mm.



5901095

**5901095****5m / 16ft x 27mm Measuring Tape**

Manufactured to EC Class II Accuracy

Tough impact resistant ABS case with belt clip and TPR soft grip jacket fitted with 'bump-stop' prolonging the life of the tape. The tape lock button can be operated from the side and bottom and when finished the braked return mechanism ensures a smooth return. The nylon-coated tape has metric and imperial graduations on both sides and stud centre markings every 16" and 19.2" and is fitted with a self-aligning, double ended, magnetic end-hook providing easy attachment and measuring from both sides of the tape. Display packed. Length: 5m / 16ft. Width: 27mm.



5902390

**5902390****Imperial Hexagon and Ball End Hexagon Key Set**

Hexagon keys with ball end on the long arm and conventional ends on short arm. The ball type hexagon tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Blades manufactured from chrome vanadium steel hardened and tempered with a chemically blacked finish. Supplied in fold-out easy release holder which can be wall-mounted. Display packed.

Contents:  
1/16, 5/64, 7/64, 9/64, 5/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8".

Quantity: 12 piece set.



6202048

**6202048****Technicians Toolbag**

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.



5902373

**5902373****12 Piece Metric Combination Spanner Set**

Generally in accordance with DIN3113 Specifications

With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents:  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



6200241

**6200241****16 Pocket Tool Pouch**

Heavy duty nylon tool pouch, comprising 16 pouches of varying sizes, hammer loop, measuring tape clasp and chain. Supplied with 50mm wide adjustable webbing belt. Display carton.



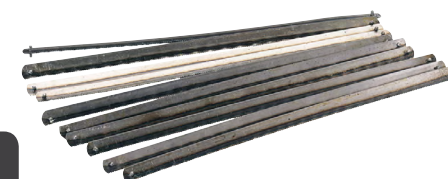
5600121

**5600121****14 Division PVC Tool Roll**

Manufactured from PVC with bound edges and securing tapes. Packed in polythene bag with display card.

Dimensions: 675 x 330mm

Divisions: 14



6800419

**6800419****10 x Junior Hacksaw Blades**

Manufactured to BS6271

General purpose cutting blades with pinned ends. Will fit all junior hacksaw frames. Packed ten blades on display card or in bags of 100 blades.

Quantity: 10 blades per card



5903951

**5903951****300mm Crescent-Type Adjustable Wrench**

Crescent-type wrench manufactured from chrome vanadium steel hardened and tempered with black phosphate finish, polished profile and jaws. Jaws offset at 22°. The 150, 200, 250 and 300mm sizes have a graduated scale on the fixed jaws. Suitable for use in areas where chemicals and chrome plate can give off poisonous fumes. Display packed. Capacity: 38mm. Length: 300mm



5900506

**5900506****8 Piece Ball End Metric Hexagon Key Set**

Manufactured from hardened and tempered chrome vanadium steel. The ball end tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Fitted in pocket-size plastic storage holder with non-slip grip. Display packed.

Contents: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 8.0mm.



5905907

**5905907****30-20 AWG Wire Strippers**

Pocket-sized for cutting and stripping cable and wire. Incorporates pliers in the jaws together with open/close lock keeps jaws closed when not in use. Wire stripping range 0.2-0.8mm<sup>2</sup>/30-20AWG. Spring-loaded jaws for one-handed operation. Supplied with two replacement chrome molybdenum cable stripping blades. Display packed.



5903948

**5903948****150mm Crescent-Type Adjustable Wrench**

Crescent-type wrench manufactured from chrome vanadium steel hardened and tempered with black phosphate finish, polished profile and jaws. Jaws offset at 22°. The 150, 200, 250 and 300mm sizes have a graduated scale on the fixed jaws. Suitable for use in areas where chemicals and chrome plate can give off poisonous fumes. Display packed. Capacity: 24mm. Length: 150mm.





5903204

**5903204****185mm Ergo Plus® Fully Insulated VDE Pliers**

Manufactured to DIN Standard and individually certified to EN 60900

Special steel hardened and tempered with cutting edges separately induction hardened. Ergonomic shape of head and handles allow user to access difficult working areas and still keep a tight grip on the workpiece. The pliers have following functions: flat cutter on the tip of the head for use on cable ties; wire stripper 1.5 and 2.5mm<sup>2</sup> wire; diagonal cutter for medium hard wire (3.5mm<sup>2</sup>), hard wire (2.5mm<sup>2</sup>) and piano wire (2mm<sup>2</sup>); crimper for terminals 1.5 and 2.5mm<sup>2</sup>; pattress screw cutter for M3.5 and M4 screws and wire looping device on underside of pliers for looping wire for plug screws/ terminals. Display packed.



5904394

**5904394****200mm VDE Hi-Leverage Diagonal Side Cutter**

Manufactured to DIN Standard and individually certified to EN 60900

Drop forged from chrome vanadium steel correctly hardened and tempered with additionally induction hardened cutting edges. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handles with slip guards. Display packed.

Cuts hard wire: 2.7mm.  
Cuts med hard wire: 4.2mm.  
Cuts piano wire: 2mm.  
Length: 200mm.



5905068

**5905068****225mm High Leverage Combination Pliers**

Manufactured to DIN ISO 5746 Specifications

Incorporating a high leverage eccentric joint which makes the cutting of wires and cables up to 35% easier on the user, i.e. greater cutting power with less effort. Manufactured from high grade tool steel hardened and tempered with the extra long cutting edges hardened to 63HRC, for cutting piano and hard wires. Heavy duty moulded handles and slip guard for extra comfort and safety. Display packed.

Cut Hard Wire: 2.5  
Cut Med/Hard wire: 3.0  
Cuts Cable mm<sup>2</sup>: 25.0  
Cuts Cable Diameter: 14.0  
Length: 225mm



5904396

**5904396****250mm VDE Waterpump Pliers**

Manufactured to DIN Standard and individually certified to EN 60900.

Drop forged from chrome vanadium steel correctly hardened and tempered. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handle. Has 'no-nip' feature which prevents handles locking together when at largest capacity and damaging users' hands. Display packed.

Capacity: 38mm.



5300702

**5300702****4 Heavy Duty AA-Size Alkaline Batteries**

4 Heavy Duty AA-Size Alkaline Batteries.



5904389

**5904389****200mm VDE Long Nose Pliers**

Manufactured to DIN Standard and individually certified to EN 60900.

Drop forged from chrome vanadium steel correctly hardened and tempered with additionally induction hardened cutting edges. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handles with slip guards. Display packed.

Cuts hard wire: 1.6mm. Cuts med hard wire: 3.6mm.  
Length: 200mm



5300703

**5300703****4 Heavy Duty AAA-Size Alkaline Batteries**

4 Heavy Duty AAA-Size Alkaline Batteries.



5903377

**5903377****60 Piece Socket and Screwdriver Bit Set**

Combined socket and bit set comprising two bit holding handles, adaptors, insert bits and sockets manufactured from good quality steels. Display packed in plastic blow mould carrying case and display sleeve.

PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Draper TX-STAR products are compatible with †Torx fixing systems.

\*Pozidriv®/Supadriv® are registered trademarks of Trifast Plc.

†Torx is the registered trademark of Acument Intellectual Properties LLC.

Contents:

1/4" magnetic bit holding driver.

Offset ratchet handle 1/4" sq. dr. x 1/4" hexagon.

Magnetic bit holder 1/4" (F) x 1/4" (M) hexagon.

1/4" (F) x 1/4" sq. drive bit adaptor.

1/4" (M) x 1/4" sq. drive socket adaptor.

7 plain slot bits size: 3.0, 4.0, 4.5, 5.0, 5.5, 6.0 and 7.0mm.

3 cross slot bits: No.1, 2 and 3.

3 PZ TYPE bits: No.1, 2 and 3.

7 TX-STAR bits: T8, T9, T10, T15, T20, T25 and T27.

9 hexagonal bits: 2.5, 3.0, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0 and 8.0mm.

12 x 1/4" sq. drive carbon steel hex. sockets size: 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0 and 13.0mm.

9 x 1/4" sq. drive carbon steel hex. sockets size: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 7/16 and 1/2" AF.

5 x 1/4" sq. drive carbon steel hex. sockets size: 0, 2, 4, 6, and 8 BA.

**5210522****Aluminium Torch**

Aluminium case with on/off button. The LEDs produces clear beam of 20 lumen light. Fitted with a focusing beam function. Uses 2 x AA size batteries (sold separately). Display packed.

**5640304****Soft Grip Mini Saw with Powder Coated Frame**

Specially designed for small cutting jobs on metal, wood, plastics etc., where space is limited. Powder coated metal frame with shaped soft grip handle for user comfort and control and blade tensioner. Supplied with blade. Display packed.

**5904378****Quick Change Trimming Knife**

Retractable pattern complete with 2 two notch blades. Special banding cutting feature - allows banding to be inserted and cut without exposing whole blade. Diecast heavy duty zinc alloy with rubber soft grip inserts and push out spare blade carrier. Display packed.

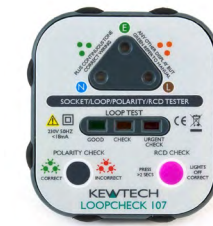
5904378



5551233

**5551233****Duo Voltage Detector**

Clearly detects 90 - 600 volts AC without metal contact. Two colour LEDs - Green for correct working and Red for Voltage detection. Two tone buzzer, one for correct working and one for voltage detection. Pocket-size for handy use anywhere. Low power consumption circuits means long life batteries. Cat IV rated.



5551217

**5551217****Socket Tester**

Checks correct socket outlet wiring. Checks the quality of the earthing that is essential for safe installations. Checks for the polarity of the mains supply. Checks RCDs with measured current. Bright LEDs Easy to use - anything other than green needs checking out.

5210522



5640304



5904378



5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg) REF - 3100.

5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).

5906215

**5906215****6 piece VDE Screwdriver Set**

Individually tested protective insulation 1,000 V AC, VDE and GS tested. Manufactured acc. to IEC 60900:2012. Blade made from high quality chrome-vanadium-molybdenum steel hardened with black finish. Protective insulation moulded directly onto the blade and completely integrated into the blade in the lower area. SoftFinish multi-component handle with roll-off protection. The integrated protective insulation enables low-lying fastening and spring elements to be reached and manipulated. Slim blades. Unique concept of screwdriver handle sizes for an optimum balance between torque and control.



5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg). Wrist Measurement: S/M 5" (13cm) - 7" (18cm). Wrist Measurement: L/XL 7" (18cm) - 8 1/2" (22cm). Tether length: 7.5" / 19cm.







5550271

**5550271****Voltage Indicator (unfused) & Proving Device**

Nominal Voltage Range: 50 - 600V AC / DC.  
Nominal Voltage Threshold Indications: 50, 100, 200, 400 V DC/AC rms.  
Nominal Voltage threshold tolerance: < 85% of marked threshold indication.

Polarity indication: from approx 12V DC/AC rms.

AC/DC voltage detection: automatic.

Range detection: automatic.

Response time: < 0.1s.

Frequency range: DC, 1 - 400 Hz.

Test current: < 3.5mA at 600V DC/AC rms.

Duty ratio: 30s ON (operated) / 240s OFF (recovery).

Environmental:

Temperature & Humidity (operating & storage): -10°C to 55°C ≤ 85%

R.H. / -10°C to 55°C ≤ 85% R.H.

Altitude: up to 2000m. IP rating: IP54.

General:

Power: from circuit under test.

Dimensions: 205(L) x 67(W) x 27(D) mm.

Weight: 130g approx.

Safety:

Conforms to BS EN 61243-3:2010 CAT IV 600 V, CAT III 1000V

Class II, Double Insulation

Pollution Degree: 2

EMC: Conforms to BS EN 61326-1

**5550179****376 True-rms AC/DC Clamp Meter with iFlex™**

CAT IV 600 V, CAT III 1000 V.

iFlex flexible current probe expands the measurement range to 2500 A ac. True-rms ac voltage and current for accurate measurements on non-linear signals. Min, max, average and inrush recording to capture variations automatically. Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings. Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it. Ergonomic design fits in your hand and can be used while wearing protective equipment. Large, easy to read backlight display automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement. Soft carrying case.

Safety conformance:

EN/IEC 61010-1:2001; 1000V CAT III, 600V CAT IV.



5550179



5101346

**5101346****Multiscanner**

Most objects are found and application errors are avoided due to the automatic calibration. Reliable detection even of deep-lying objects - up to a depth of 12 cm. Even more reliable detection of objects due to three-colour LED luminous ring. Pinpoint indication of the object's centre with the "Centre Finder" scale and display of material properties. Illuminated display. Marking hole with LED luminous ring. 3 detection modes for various applications: Drywall mode, metal mode, live cable mode.

Detects: Ferrous metals, non-ferrous metals, wooden studs, live cables

Max. detection depth: 120 mm

Detection depth, steel, max.: 120 mm

Detection depth, copper, max.: 80 mm

Detection depth, live cables, max.: 50 mm

Detection depth of wooden substructures, max.: 38 mm

Automatic deactivation, approx: 5 min

Power supply: 1 x 9 V 6LR61

Weight, approx: 0.27kg

Length: 200mm

Width: 85mm

Height: 32mm

Dust and splash protection: IP 54

**5550103****Multimeter**

Automatically measures volts ac and volts dc with precise digital resolution. Displays resistance to 1000Ω. Easy and accurate OpenJaw™ current measurement. Continuity beeper. Compact design with neat probe storage. Rugged enough to withstand a 10 foot (3m) drop. Detachable SlimReach™ probe tips are customized for national electrical standards. Available in 600V and 1000V models. Auto off mode to conserve battery life. Optional holster attaches to a belt and neatly stows test leads.

All inputs are protected to CE, IEN61010-1 CAT III 600V.



5550103



### Fold Flat A-Frame with Interchangeable Signs

Fold flat A-frame sign supplied with 10 interchangeable signs (2 of each sign) in a storage case.

Size of fold flat sign: 61cm x 29cm



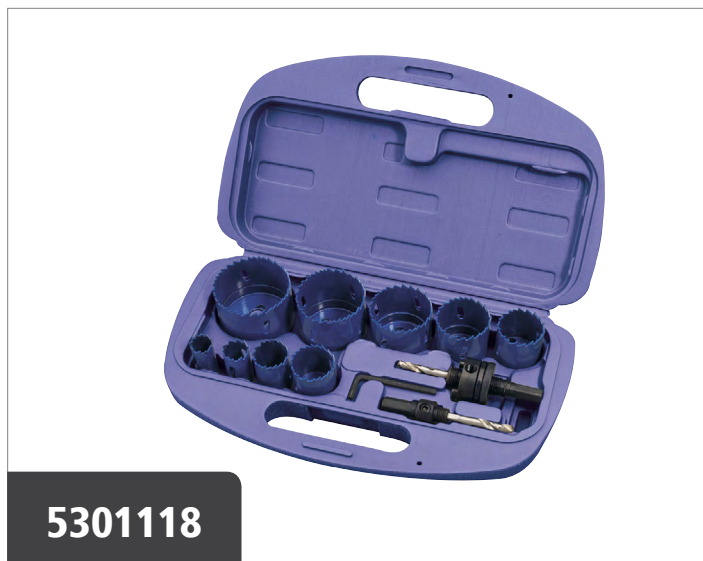
### 5550111

#### 230V 13A RCD Adapter

Tested to BS 1363 and IEC 61540

For use in domestic and industrial premises where RCD protection is required. Has reset and test facility. Can be plugged into standard 13A socket. Display packed. Rated voltage: 230 - 250V/AC. Load: 3120W (max.). Maximum operating current: 13A. Rated trip current: 30mA. Trip speed: 30mS (typical). Double pole RCD contact break.

5550111



### 5301118

#### 12 Piece Holesaw Kit

Heavy duty variable pitch bi-metal holesaws for cutting wood, steel, brass, bronze, cast iron, aluminium and plastics. Manufactured from high quality steel with M3 steel cutting edge for fast clean heavy duty cutting action. Maximum cutting depth 35mm. Packed in carrying case.

Contents:

4mm hexagon key

9 holesaw blades size: 20, 22, 29, 35, 38, 44, 51, 57, 64mm diameter.

5/16" locking hexagonal shank holesaw arbor with HSS pilot drill

7/16" locking hexagonal shank holesaw arbor with HSS pilot drill

5301118

# MECHANICAL ENGINEER TOOLKIT





5902373

**5902373****12 Piece Metric Combination Spanner Set**

Generally in accordance with DIN3113 Specifications

With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



6800158

**6800158****300mm Hacksaw Frame and Blade**

Traditional pattern with an adjustable chrome plated tubular frame for 300mm blades. Frame has two sets of blade spigots which allows straight or 45° cutting. Can be used as a rod saw. Enamelled aluminium handle. Supplied with a 300mm HSS blade. Display packed.



5900506

**5900506****8 Piece Ball End Metric Hexagon Key Set**

Manufactured from hardened and tempered chrome vanadium steel. The ball end tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Fitted in pocket-size plastic storage holder with non-slip grip. Display packed.

Contents: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 8.0mm.



5904925

**5904925****Utility Key**

With two square, one triangle and one stepped key profile plus a double-ended 7mm plain/No.2 cross slot insert bit 40mm long. Holder included for 1/4" insert bit. Display packed.



6800139

**6800139****Bi-Metal Hacksaw Blades**

Conforms to BS 1919

10 x 300mm 24tpi bi-metal hacksaw blades. Saw edge, manufactured from high speed steel strip, electron beam welded to high quality carbon steel backing. Pitch: 24.

Display packed ten blades per card.



6800419

**6800419****10 x Junior Hacksaw Blades**

Manufactured to BS6271

General purpose cutting blades with pinned ends. Will fit all junior hacksaw frames. Packed ten blades on display card or in bags of 100 blades.

Quantity: 10 blades per card.



5902377

**5902377****6 Piece 'Pound Thru' Screwdriver Set**

Hexagonal section chrome vanadium steel blades hardened, tempered and satin chrome plated finish with sand blasted tips. Handles are 'soft grip' polymer vulcanized with rooted cap allowing handle to be struck without causing damage. Colour coded handles for easy recognition. PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Contents:

2 plain slot size: 6 x 100 and 8 x 150mm, 2 cross slot: No.2 and 3 PZ TYPE: No.2 and 3



5930200

**5930200****5 Piece Scraper and Remover Set**

Suitable for a variety of applications including removing cotter pins, radiator hoses, flaking paint and gaskets. Blades hardened and tempered carbon steel. Display packed.

Contents:

2 Multi-purpose scrapers - 210 and 275mm  
Scratch awl - 200mm  
Cotter pin puller - 225mm  
Radiator hose remover - 175mm



5301118

**5301118****12 Piece Holesaw Kit**

Heavy duty variable pitch bi-metal holesaws for cutting wood, steel, brass, bronze, cast iron, aluminium and plastics. Manufactured from high quality steel with M3 steel cutting edge for fast clean heavy duty cutting action. Maximum cutting depth 35mm. Packed in carrying case.

Contents:

4mm hexagon key  
9 holesaw blades size: 20, 22, 29, 35, 38, 44, 51, 57, 64mm diameter.  
5/16" locking hexagonal shank holesaw arbor with HSS pilot drill  
7/16" locking hexagonal shank holesaw arbor with HSS pilot drill



5901095

**5901095****5m / 16ft x 27mm Measuring Tape**

Manufactured to EC Class II Accuracy

Tough impact resistant ABS case with belt clip and TPR soft grip jacket fitted with 'bump-stop' prolonging the life of the tape. The tape lock button can be operated from the side and bottom and when finished the braked return mechanism ensures a smooth return. The nylon-coated tape has metric and imperial graduations on both sides and stud centre markings every 16" and 19.2" and is fitted with a self-aligning, double ended, magnetic end-hook providing easy attachment and measuring from both sides of the tape. Display packed. Length: 5m / 16ft. Width: 27mm.



5902390

**5902390****Imperial Hexagon and Ball End Hexagon Key Set**

Hexagon keys with ball end on the long arm and conventional ends on short arm. The ball type hexagon tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Blades manufactured from chrome vanadium steel hardened and tempered with a chemically blacked finish. Supplied in fold-out easy release holder which can be wall-mounted. Display packed.

Contents: 1/16, 5/64, 7/64, 9/64, 5/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8".

Quantity: 12 piece set.



5950100

**5950100****600mm Optivision Level**

Highly visible red Opti-vision™ tilted vial which allows single bubble view over 90° and front viewing Plumb Site® Dual View™ RedEffect™ vial. Aluminium box section extrusion with milled base (not 1800mm), curved top, electrostatically powder coated and baked with polyester acrylic paint Ergo Grip™ nonslip soft grip handles, tough bi-material end caps, anti-slip wall pads and vertical vials. Accuracy 0.5mm per 1M = 0.029° in standard position.

Length: 600mm.



5904378

**5904378****Quick Change Trimming Knife**

Retractable pattern complete with 2 two notch blades. Special banding cutting feature - allows banding to be inserted and cut without exposing whole blade. Diecast heavy duty zinc alloy with rubber soft grip inserts and push out spare blade carrier. Display packed.



5950237

**5950237****355mm Pry Bar/Nail Puller**

Flat section with nail puller and chisel ends 35mm wide. Forged from good quality carbon steel hardened, tempered and painted black. Sold loose.



5904257

**5904257****Fibreglass Shafted Claw Hammer**

Forged from fine grain carbon steel correctly hardened, tempered with a partly black painted head. Fibreglass shaft fitted with comfortable shock-absorbing rubber grip. Sold loose.

Weight: 560g (20oz)



5901092

**5901092****250mm Heavy Duty Soft Grip Waterpump Pliers**

Heavy-duty waterpump pliers great for professional plumbers and for plumbing tasks around the home. Manufactured from hardened and tempered chrome vanadium steel, with hardened jaws, achieving excellent gripping performance. The jaws have a multi position feature while being fitted to ergonomic cushion-grip handles, ensuring greater user comfort and less hand fatigue.

Capacity: 53mm. Length: 250mm



6202048

**6202048****Technicians Toolbag**

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.



6200241

**6200241****16 Pocket Tool Pouch**

Heavy duty nylon tool pouch, comprising 16 pouches of varying sizes, hammer loop, measuring tape clasp and chain. Supplied with 50mm wide adjustable webbing belt. Display carton.



5904265

**5904265****Card of 5 Hooked Trimming Knife Blades**

Reversible polished steel blades with accurately ground cutting edges.

Packed: 5 blades per display card.

Type: 2 notch (hooked)



5640304

**5640304****Soft Grip Mini Saw with Powder Coated Frame**

Specially designed for small cutting jobs on metal, wood, plastics etc., where space is limited. Powder coated metal frame with shaped soft grip handle for user comfort and control and blade tensioner. Supplied with blade. Display packed.





5903204

**5903204****185mm Ergo Plus® Fully Insulated VDE Pliers**

Manufactured to DIN Standard and individually certified to EN 60900

Special steel hardened and tempered with cutting edges separately induction hardened. Ergonomic shape of head and handles allow user to access difficult working areas and still keep a tight grip on the workpiece. The pliers have following functions: flat cutter on the tip of the head for use on cable ties; wire stripper 1.5 and 2.5mm<sup>2</sup> wire; diagonal cutter for medium hard wire (3.5mm<sup>2</sup>), hard wire (2.5mm<sup>2</sup>) and piano wire (2mm<sup>2</sup>); crimper for terminals 1.5 and 2.5mm<sup>2</sup>; pattress screw cutter for M3.5 and M4 screws and wire looping device on underside of pliers for looping wire for plug screws/ terminals. Display packed.



5902357

**5902357****200mm Combination Pliers**

Manufactured to DIN Standard

Drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Lacquered finish for corrosion protection with heavy duty, soft grip handles with slip guards. Display packed.

Cuts hard wire: 2.3mm  
Cuts med hard wire: 3.8mm  
Length: 200mm



5902358

**5902358****200mm Long Nose Pliers**

Manufactured to DIN Standard

Drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Lacquered finish for corrosion protection with heavy duty, soft grip handles with slip guards. Display packed.

Cuts hard wire: 1.6mm  
Cuts med hard wire: 3.6mm  
Length: 200mm



5550111

**5550111****230V 13A RCD Adapter**

Tested to BS 1363 and IEC 61540

For use in domestic and industrial premises where RCD protection is required. Has reset and test facility. Can be plugged into standard 13A socket. Display packed.

Rated voltage: 230 - 250V/AC  
Load: 3120W (max.)  
Maximum operating current: 13A  
Rated trip current: 30mA  
Trip speed: 30mS (typical)  
Double pole RCD contact break.



5300702

**5300702****4 Heavy Duty AA-Size Alkaline Batteries**

4 Heavy Duty AA-Size Alkaline Batteries.



5903897

**5903897****250mm Prism Jaw Self Grip Pliers**

Body manufactured from high strength special grade steel with jaw inserts from drop forged chrome vanadium steel and nickel plated. Serrated gripping surfaces in double prism jaws for both round and flat sectioned material. Fitted with a quick-release lever. Display packed.

Grips Hexagon: 13-36mm  
Grips Square: 36mm  
Grips Round: 36mm  
Length: 250mm



5300703

**5300703****4 Heavy Duty AAA-Size Alkaline Batteries**

4 Heavy Duty AAA-Size Alkaline Batteries.



5903746

**5903746****25 Piece 3/8" Sq. Dr. Metric Socket Set in Metal Case**

Manufactured and tested generally in accordance with DIN3122 and ISO3315 Specifications

Chrome vanadium steel hardened, tempered and satin chrome plated for corrosion protection. Sockets have knurled ring for extra grip. Packed in steel carrying case with laser cut foam insert and display sleeve.

Contents:

17 6 point sockets size: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 and 24mm;

2 6 point spark plug sockets size: 10 and 14mm;

Reversible ratchet with soft grip handle and quick release button;

2 wobble extension bars with hex. outer end size: 75 and 150mm;

Tee bar head/1/2" (F) x 3/8" (M) converter;

Universal joint;

Bit holder 3/8" sq drive x 1/4" hexagon.

Tee bar head/converter when used with extension bar forms a sliding tee bar.



5904467

**5904467****680G (24oz) Soft Faced Hammer**

For use on a wide variety of materials where no surface marking is required. The head is chrome plated and is supplied with replaceable screw-in 38mm diameter faces of soft plastic and nylon. The unbreakable nylon handle has a nonslip PVC grip. Sold loose.



5950412

**5950412****200mm File Cabinet Round Rasp**

High carbon steel, hardened and tempered with soft grip handles incorporating hang hole. Improved tooth profile for increased performance. Display packed.



5210522

**5210522****Aluminium Torch**

Aluminium case with on/off button. The LEDs produces clear beam of 20 lumen light. Fitted with a focusing beam function. Uses 2 x AA size batteries (sold separately). Display packed.



5903948

**5903948****150mm Crescent-Type Adjustable Wrench**

Crescent-type wrench manufactured from chrome vanadium steel hardened and tempered with black phosphate finish, polished profile and jaws. Jaws offset at 22°. The 150, 200, 250 and 300mm sizes have a graduated scale on the fixed jaws. Suitable for use in areas where chemicals and chrome plate can give off poisonous fumes. Display packed. Capacity: 24mm. Length: 150mm.



5950413

**5950413****200mm File Cabinet Flat Rasp**

High carbon steel, hardened and tempered with soft grip handles incorporating hang hole. Improved tooth profile for increased performance. Display packed.



5950411

**5950411****200mm File Cabinet Half Round Rasp**

High carbon steel, hardened and tempered with soft grip handles incorporating hang hole. Improved tooth profile for increased performance. Display packed.



5903951

**5903951****300mm Crescent-Type Adjustable Wrench**

Crescent-type wrench manufactured from chrome vanadium steel hardened and tempered with black phosphate finish, polished profile and jaws. Jaws offset at 22°. The 150, 200, 250 and 300mm sizes have a graduated scale on the fixed jaws. Suitable for use in areas where chemicals and chrome plate can give off poisonous fumes. Display packed. Capacity: 38mm. Length: 300mm



5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).



5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg)

**Fold Flat A-Frame with Interchangeable Signs**

Fold flat A-frame sign supplied with 10 interchangeable signs (2 of each sign) in a storage case.

Size of fold flat sign: 61cm x 29cm



5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg). Wrist Measurement: S/M 5" (13cm) – 7" (18cm). Wrist Measurement: L/XL 7" (18cm) – 8 1/2" (22cm). Tether length: 7.5" / 19cm.

# MULTI ENGINEER TOOLKIT





5902373

**5902373****12 Piece Metric Combination Spanner Set**

Generally in accordance with DIN3113 Specifications. With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



6800158

**6800158****300mm Hacksaw Frame and Blade**

Traditional pattern with an adjustable chrome plated tubular frame for 300mm blades. Frame has two sets of blade spigots which allows straight or 45° cutting. Can be used as a rod saw. Enamelled aluminium handle. Supplied with a 300mm HSS blade. Display packed.



5900506

**5900506****8 Piece Ball End Metric Hexagon Key Set**

Manufactured from hardened and tempered chrome vanadium steel. The ball end tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Fitted in pocket-size plastic storage holder with non-slip grip. Display packed.

Contents: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 8.0mm.



5904925

**5904925****Utility Key**

With two square, one triangle and one stepped key profile plus a double-ended 7mm plain/No.2 cross slot insert bit 40mm long. Holder included for 1/4" insert bit. Display packed.



6800139

**6800139****Bi-Metal Hacksaw Blades**

Conforms to BS 1919  
10 x 300mm 24tpi bi-metal hacksaw blades. Saw edge, manufactured from high speed steel strip, electron beam welded to high quality carbon steel backing. Pitch: 24.

Display packed ten blades per card.



6800419

**6800419****10 x Junior Hacksaw Blades**

Manufactured to BS6271

General purpose cutting blades with pinned ends. Will fit all junior hacksaw frames. Packed ten blades on display card or in bags of 100 blades.

Quantity: 10 blades per card.



5902377

**5902377****6 Piece 'Pound Thru' Screwdriver Set**

Hexagonal section chrome vanadium steel blades hardened, tempered and satin chrome plated finish with sand blasted tips. Handles are 'soft grip' polymer vulcanized with rooted cap allowing handle to be struck without causing damage. Colour coded handles for easy recognition. PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Contents:

2 plain slot size: 6 x 100 and 8 x 150mm, 2 cross slot: No.2 and 3  
PZ TYPE: No.2 and 3



5301118

**5301118****12 Piece Holesaw Kit**

Heavy duty variable pitch bi-metal holesaws for cutting wood, steel, brass, bronze, cast iron, aluminium and plastics. Manufactured from high quality steel with M3 steel cutting edge for fast clean heavy duty cutting action. Maximum cutting depth 35mm. Packed in carrying case.

Contents:

4mm hexagon key  
9 holesaw blades size: 20, 22, 29, 35, 38, 44, 51, 57, 64mm diameter.  
5/16" locking hexagonal shank holesaw arbor with HSS pilot drill  
7/16" locking hexagonal shank holesaw arbor with HSS pilot drill



5930200

**5930200****5 Piece Scraper and Remover Set**

Suitable for a variety of applications including removing cotter pins, radiator hoses, flaking paint and gaskets. Blades hardened and tempered carbon steel. Display packed.

Contents:

2 Multi-purpose scrapers - 210 and 275mm  
Scratch awl - 200mm  
Cotter pin puller - 225mm  
Radiator hose remover - 175mm



5901095

**5901095****5m / 16ft x 27mm Measuring Tape**

Manufactured to EC Class II Accuracy. Tough impact resistant ABS case with belt clip and TPR soft grip jacket fitted with 'bump-stop' prolonging the life of the tape. The tape lock button can be operated from the side and bottom and when finished the braked return mechanism ensures a smooth return. The nylon-coated tape has metric and imperial graduations on both sides and stud centre markings every 16" and 19.2" and is fitted with a self-aligning, double ended, magnetic end-hook providing easy attachment and measuring from both sides of the tape. Display packed. Length: 5m / 16ft. Width: 27mm.





5902390

**5902390****Imperial Hexagon and Ball End Hexagon Key Set**

Hexagon keys with ball end on the long arm and conventional ends on short arm. The ball type hexagon tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Blades manufactured from chrome vanadium steel hardened and tempered with a chemically blacked finish. Supplied in fold-out easy release holder which can be wall-mounted. Display packed.

Contents: 1/16, 5/64, 7/64, 9/64, 5/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8".

Quantity: 12 piece set.



5950100

**5950100****600mm Optivision Level**

Highly visible red Opti-vision™ tilted vial which allows single bubble view over 90° and front viewing Plumb Site® Dual View™ RedEffect™ vial. Aluminium box section extrusion with milled base (not 1800mm), curved top, electrostatically powder coated and baked with polyester acrylic paint Ergo Grip™ nonslip soft grip handles, tough bi-material end caps, anti-slip wall pads and vertical vials. Accuracy 0.5mm per 1M = 0.029° in standard position.

Length: 600mm.



5101346

**5101346****Multiscanner**

Most objects are found and application errors are avoided due to the automatic calibration. Reliable detection even of deep-lying objects - up to a depth of 12 cm. Even more reliable detection of objects due to 3 colour LED luminous ring. Pinpoint indication of the object's centre with the "Centre Finder" scale and display of material properties. Illuminated display. Marking hole with LED luminous ring. 3 detection modes for various applications: Drywall mode, metal mode, live cable mode.

Detects: Ferrous metals, non-ferrous metals, wooden studs, live cables

Max. detection depth: 120 mm

Detection depth, steel, max.: 120 mm

Detection depth, copper, max.: 80 mm

Detection depth, live cables, max.: 50 mm

Detection depth of wooden substructures, max.: 38 mm

Automatic deactivation, approx: 5 min

Power supply: 1 x 9 V 6LR61

Weight, approx: 0.27kg

Length: 200mm, Width: 85mm, Height: 32mm

Dust and splash protection: IP 54



5904378

**5904378****Quick Change Trimming Knife**

Retractable pattern complete with 2 two notch blades. Special banding cutting feature - allows banding to be inserted and cut without exposing whole blade. Diecast heavy duty zinc alloy with rubber soft grip inserts and push out spare blade carrier. Display packed.



5904257

**5904257****Fibreglass Shafted Claw Hammer**

Forged from fine grain carbon steel correctly hardened, tempered with a partly black painted head. Fibreglass shaft fitted with comfortable shock-absorbing rubber grip. Sold loose.

Weight: 560g (20oz)



5904265

**5904265****Card of 5 Hooked Trimming Knife Blades**

Reversible polished steel blades with accurately ground cutting edges.

Packed: 5 blades per display card.

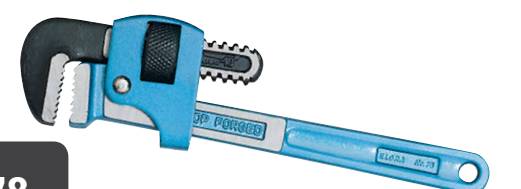
Type: 2 notch (hooked)



5950237

**5950237****355mm Pry Bar/Nail Puller**

Flat section with nail puller and chisel ends 35mm wide. Forged from good quality carbon steel hardened, tempered and painted black. Sold loose.



5903178

**5903178****250mm Elora Adjustable Pipe Wrench**

Manufactured from tool steel, hardened and tempered. The spring-loaded induction hardened jaws have wide faces serrated in opposite direction to ensure a secure grip. Polished head with blue lacquered handle. Sold loose.

Capacity: 26mm. Length: 250mm



5640304

**5640304****Soft Grip Mini Saw with Powder Coated Frame**

Specially designed for small cutting jobs on metal, wood, plastics etc., where space is limited. Powder coated metal frame with shaped soft grip handle for user comfort and control and blade tensioner. Supplied with blade. Display packed.



5903204

**5903204****185mm Ergo Plus® Fully Insulated VDE Pliers**

Manufactured to DIN Standard and individually certified to EN 60900

Special steel hardened and tempered with cutting edges separately induction hardened. Ergonomic shape of head and handles allow user to access difficult working areas and still keep a tight grip on the workpiece. The pliers have following functions: flat cutter on the tip of the head for use on cable ties; wire stripper 1.5 and 2.5mm<sup>2</sup> wire; diagonal cutter for medium hard wire (3.5mm<sup>2</sup>), hard wire (2.5mm<sup>2</sup>) and piano wire (2mm<sup>2</sup>); crimper for terminals 1.5 and 2.5mm<sup>2</sup>; pattress screw cutter for M3.5 and M4 screws and wire looping device on underside of pliers for looping wire for plug screws/ terminals. Display packed.



5904394

**5904394****200mm VDE Hi-Leverage Diagonal Side Cutter**

Manufactured to DIN Standard and individually certified to EN 60900

Drop forged from chrome vanadium steel correctly hardened and tempered with additionally induction hardened cutting edges. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handles with slip guards. Display packed.

Cuts hard wire: 2.7mm.  
Cuts med hard wire: 4.2mm.  
Cuts piano wire: 2mm.  
Length: 200mm.



5905068

**5905068****225mm High Leverage Combination Pliers**

Manufactured to DIN ISO 5746 Specifications

Incorporating a high leverage eccentric joint which makes the cutting of wires and cables up to 35% easier on the user, i.e. greater cutting power with less effort. Manufactured from high grade tool steel hardened and tempered with the extra long cutting edges hardened to 63HRC, for cutting piano and hard wires. Heavy duty moulded handles and slip guard for extra comfort and safety. Display packed.

Cut Hard Wire: 2.5  
Cut Med/Hard wire: 3.0  
Cuts Cable mm<sup>2</sup>: 25.0  
Cuts Cable Diameter: 14.0  
Length: 225mm



5904396

**5904396****250mm VDE Waterpump Pliers**

Manufactured to DIN Standard and individually certified to EN 60900.

Drop forged from chrome vanadium steel correctly hardened and tempered. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handle. Has 'no-nip' feature which prevents handles locking together when at largest capacity and damaging users' hands. Display packed.

Capacity: 38mm.



5904389

**5904389****200mm VDE Long Nose Pliers**

Manufactured to DIN Standard and individually certified to EN 60900.

Drop forged from chrome vanadium steel correctly hardened and tempered with additionally induction hardened cutting edges. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handles with slip guards. Display packed.

Cuts hard wire: 1.6mm. Cuts med hard wire: 3.6mm.  
Length: 200mm



5300702

**5300702****4 Heavy Duty AA-Size Alkaline Batteries**

4 Heavy Duty AA-Size Alkaline Batteries.



5300703

**5300703****4 Heavy Duty AAA-Size Alkaline Batteries**

4 Heavy Duty AAA-Size Alkaline Batteries.





5903746

**5903746****25 Piece 3/8" Sq. Dr. Metric Socket Set in Metal Case**

Manufactured and tested generally in accordance with DIN3122 and ISO3315 Specifications

Chrome vanadium steel hardened, tempered and satin chrome plated for corrosion protection. Sockets have knurled ring for extra grip. Packed in steel carrying case with laser cut foam insert and display sleeve.

Contents:

17 6 point sockets size: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 and 24mm;

2 6 point spark plug sockets size: 10 and 14mm;

Reversible ratchet with soft grip handle and quick release button;  
2 wobble extension bars with hex. outer end size: 75 and 150mm;

Tee bar head/1/2" (F) x 3/8" (M) converter;

Universal joint;

Bit holder 3/8" sq drive x 1/4" hexagon.

Tee bar head/converter when used with extension bar forms a sliding tee bar.



5950412

**5950412****200mm File Cabinet Round Rasp**

High carbon steel, hardened and tempered with soft grip handles incorporating hang hole. Improved tooth profile for increased performance. Display packed.



5950413

**5950413****200mm File Cabinet Flat Rasp**

High carbon steel, hardened and tempered with soft grip handles incorporating hang hole. Improved tooth profile for increased performance. Display packed.



5950411

**5950411****200mm File Cabinet Half Round Rasp**

High carbon steel, hardened and tempered with soft grip handles incorporating hang hole. Improved tooth profile for increased performance. Display packed.



5901162

**5901162****Flexible Head Ratcheting Combination Spanner Set**

Open end set at 15°. The HI-TORQ® flexible head allows movement through 180°. Only 5° movement required to turn fastener, especially useful in confined spaces. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Display packed. 7 piece set.

Contents: 10, 12, 13, 14, 15, 17 and 19mm



5210522

**5210522****Aluminium Torch**

Aluminium case with on/off button. The LEDs produces clear beam of 20 lumen light. Fitted with a focusing beam function. Uses 2 x AA size batteries (sold separately). Display packed.



5903948

**5903948****150mm Crescent-Type Adjustable Wrench**

Crescent-type wrench manufactured from chrome vanadium steel hardened and tempered with black phosphate finish, polished profile and jaws. Jaws offset at 22°. The 150, 200, 250 and 300mm sizes have a graduated scale on the fixed jaws. Suitable for use in areas where chemicals and chrome plate can give off poisonous fumes. Display packed. Capacity: 24mm. Length: 150mm.



5903951

**5903951****300mm Crescent-Type Adjustable Wrench**

Crescent-type wrench manufactured from chrome vanadium steel hardened and tempered with black phosphate finish, polished profile and jaws. Jaws offset at 22°. The 150, 200, 250 and 300mm sizes have a graduated scale on the fixed jaws. Suitable for use in areas where chemicals and chrome plate can give off poisonous fumes. Display packed. Capacity: 38mm. Length: 300mm



5905907

**5905907****30-20 AWG Wire Strippers**

Pocket-sized for cutting and stripping cable and wire. Incorporates pliers in the jaws together with open/close lock keeps jaws closed when not in use. Wire stripping range 0.2-0.8mm<sup>2</sup>/30-20AWG. Spring-loaded jaws for one-handed operation. Supplied with two replacement chrome molybdenum cable stripping blades. Display packed.



5600121

**5600121****14 Division PVC Tool Roll**

Manufactured from PVC with bound edges and securing tapes. Packed in polythene bag with display card.

Dimensions: 675 x 330mm  
Divisions: 14





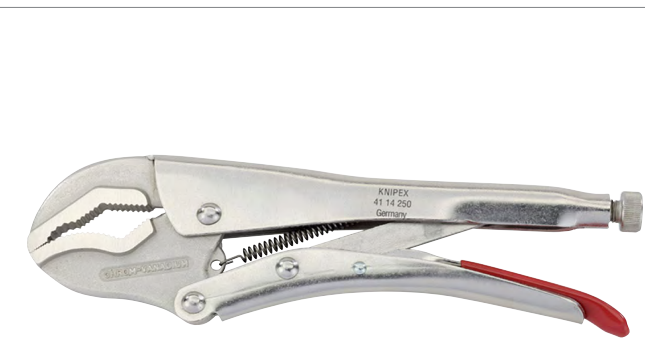
5903321

**5903321****300mm Cobra® Waterpump Pliers**

Manufactured to DIN ISO 8976 Specifications

Professional Quality, manufactured from chrome vanadium electric steel, oil hardened and tempered, with smoothly ground jaws, joint faces and an accurately formed box joint with safety stop. The parallelogram-shaped gripping surfaces have specially hardened teeth to 61HRC for positive grip on pipes and nuts. One hand press button adjustment. Plastic coated handles with slip guards for extra safety. Has 'no-nip' feature which prevents handles locking together and damaging users' hands. Display packed.

Hold Nuts Across Flats: 60mm  
Hold Pipe Dia: 70mm  
Jaw Positions: 30  
Length: 300mm



5903897

**5903897****250mm Prism Jaw Self Grip Pliers**

Body manufactured from high strength special grade steel with jaw inserts from drop forged chrome vanadium steel and nickel plated. Serrated gripping surfaces in double prism jaws for both round and flat sectioned material. Fitted with a quick-release lever. Display packed.

Grips Hexagon: 13-36mm  
Grips Square: 36mm  
Grips Round: 36mm  
Length: 250mm



5550103

**5550103****Multimeter**

Automatically measures volts ac and volts dc with precise digital resolution. Displays resistance to 1000Ω. Easy and accurate OpenJaw™ current measurement. Continuity beeper. Compact design with neat probe storage. Rugged enough to withstand a 10 foot (3m) drop. Detachable SlimReach™ probe tips are customized for national electrical standards. Available in 600V and 1000V models. Auto off mode to conserve battery life. Optional holster attaches to a belt and neatly stows test leads.

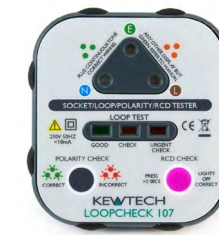
All inputs are protected to CE, IEN61010-1 CAT III 600V.



5551233

**5551233****Duo Voltage Detector**

Clearly detects 90 - 600 volts AC without metal contact. Two colour LEDs - Green for correct working and Red for Voltage detection. Two tone buzzer, one for correct working and one for voltage detection. Pocket-size for handy use anywhere. Low power consumption circuits means long life batteries. Cat IV rated.



5551217

**5551217****Socket Tester**

Checks correct socket outlet wiring. Checks the quality of the earthing that is essential for safe installations. Checks for the polarity of the mains supply. Checks RCDs with measured current. Bright LEDs. Easy to use - anything other than green needs checking out.



5906215

**5906215****6 piece VDE Screwdriver Set**

Individually tested protective insulation 1,000 V AC, VDE and GS tested. Manufactured acc. to IEC 60900:2012. Blade made from high quality chrome-vanadium-molybdenum steel hardened with black finish. Protective insulation moulded directly onto the blade and completely integrated into the blade in the lower area. SoftFinish multi-component handle with roll-off protection. The integrated protective insulation enables low-lying fastening and spring elements to be reached and manipulated. Slim blades. Unique concept of screwdriver handle sizes for an optimum balance between torque and control.



5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg)



5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).



5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg). Wrist Measurement: S/M 5" (13cm) - 7" (18cm). Wrist Measurement: L/XL 7" (18cm) - 8 1/2" (22cm). Tether length: 7.5" / 19cm.



5550271

**5550271****Voltage Indicator (unfused) & Proving Device**

Nominal Voltage Range: 50 - 600V AC / DC.  
Nominal Voltage Threshold Indications: 50, 100, 200, 400 V DC/AC rms.  
Nominal Voltage threshold tolerance: < 85% of marked threshold indication.

Polarity indication: from approx 12V DC/AC rms.  
AC/DC voltage detection: automatic.

Range detection: automatic.

Response time: < 0.1s.

Frequency range: DC, 1 - 400 Hz.

Test current: < 3.5mA at 600V DC/AC rms.

Duty ratio: 30s ON (operated) / 240s OFF (recovery).

**Environmental:**

Temperature & Humidity (operating & storage): -10°C to 55°C ≤ 85% R.H. / -10°C to 55°C ≤ 85% R.H.

Altitude: up to 2000m. IP rating: IP54.

**General:**

Power: from circuit under test.

Dimensions: 205(L) x 67(W) x 27(D) mm.

Weight: 130g approx.

**Safety:**

Conforms to BS EN 61243-3:2010 CAT IV 600 V, CAT III 1000V

Class II, Double Insulation

Pollution Degree: 2

EMC: Conforms to BS EN 61326-1

**5550179****376 True-rms AC/DC Clamp Meter with iFlex™**

CAT IV 600 V, CAT III 1000 V.

iFlex flexible current probe expands the measurement range to 2500 A ac. True-rms ac voltage and current for accurate measurements on non-linear signals. Min, max, average and inrush recording to capture variations automatically. Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings. Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it. Ergonomic design fits in your hand and can be used while wearing protective equipment. Large, easy to read backlight display automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement. Soft carrying case.

**Safety conformance:**

EN/IEC 61010-1:2001; 1000V CAT III, 600V CAT IV.

5550179



6202048

**6202048****Technicians Toolbag**

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.

5904467

**5904467****680G (24oz) Soft Faced Hammer**

For use on a wide variety of materials where no surface marking is required. The head is chrome plated and is supplied with replaceable screw-in 38mm diameter faces of soft plastic and nylon. The unbreakable nylon handle has a nonslip PVC grip. Sold loose.

5550111

**5550111****230V 13A RCD Adapter**

Tested to BS 1363 and IEC 61540

For use in domestic and industrial premises where RCD protection is required. Has reset and test facility. Can be plugged into standard 13A socket. Display packed. Rated voltage: 230 - 250V/AC.

Load: 3120W (max.). Maximum operating current: 13A.

Rated trip current: 30mA. Trip speed: 30mS (typical).

Double pole RCD contact break.

6200241

**6200241****16 Pocket Tool Pouch**

Heavy duty nylon tool pouch, comprising 16 pouches of varying sizes, hammer loop, measuring tape clasp and chain. Supplied with 50mm wide adjustable webbing belt. Display carton.

5903164

**5903164****10 Piece Schroder Screwdriver Bit Dispenser Set**

Magazine-type insert bit dispenser supplied with nine multi-purpose 1/4" insert bits and a magnetic bit holder. Sold loose.

\*Pozidriv®/Supadriv® are registered trademarks of Trifast Plc.

**Contents:**

3 plain slot bits size: 4.5, 5.5 and 6.5mm

3 cross slot bits: No.1, 2 and 3

3 \*Pozidriv®/Supadriv® bits: No.1, 2 and 3

**Fold Flat A-Frame with Interchangeable Signs**

Fold flat A-frame sign supplied with 10 interchangeable signs (2 of each sign) in a storage case.

Size of fold flat sign: 61cm x 29cm

# FABRIC ENGINEER TOOLKIT LITE





5930555

### 5930555 Triple Suction Lifter

For the easy lifting of smooth flat surface materials, i.e. glass, marble etc. Suction cups 123mm diameter. Maximum lift 75kg; safe working load (S.W.L.) 37.5kg. Manufactured from high density aluminium alloy. Display packed.



6800158

### 6800158 300mm Hacksaw Frame and Blade

Traditional pattern with an adjustable chrome plated tubular frame for 300mm blades. Frame has two sets of blade spigots which allows straight or 45° cutting. Can be used as a rod saw. Enamelled aluminium handle. Supplied with a 300mm HSS blade. Display packed.



5900506

### 5900506 8 Piece Ball End Metric Hexagon Key Set

Manufactured from hardened and tempered chrome vanadium steel. The ball end tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Fitted in pocket-size plastic storage holder with non-slip grip. Display packed.

Contents: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 8.0mm.



5904925

### 5904925 Professional Utility Key

With two square, one triangle and one stepped key profile plus a double-ended 7mm plain/No.2 cross slot insert bit 40mm long. Holder included for 1/4" insert bit. Display packed.



6800139

### 6800139 Bi-Metal Hacksaw Blades

Conforms to BS 1919

10 x 300mm 24tpi bi-metal hacksaw blades. Saw edge, manufactured from high speed steel strip, electron beam welded to high quality carbon steel backing. Display packed ten blades per card. Pitch: 24.



5901092

### 5901092 250mm Heavy Duty Soft Grip Waterpump Pliers

Heavy-duty waterpump pliers great for professional plumbers and for plumbing tasks around the home. Manufactured from hardened and tempered chrome vanadium steel, with hardened jaws, achieving excellent gripping performance. The jaws have a multi position feature while being fitted to ergonomic cushion-grip handles, ensuring greater user comfort and less hand fatigue.

Capacity: 53mm. Length: 250mm



6202048

### Technicians Toolbag

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.



5950100

### 5950100 600mm Optivision Level

Highly visible red Opti-vision™ tilted vial which allows single bubble view over 90° and front viewing Plumb Site® Dual View™ RedEffect™ vial. Aluminium box section extrusion with milled base (not 1800mm), curved top, electrostatically powder coated and baked with polyester acrylic paint Ergo Grip™ nonslip soft grip handles, tough bi-material end caps, anti-slip wall pads and vertical vials. Accuracy 0.5mm per 1M = 0.029° in standard position. Length: 600mm.



6200241

### 6200241

#### 16 Pocket Tool Pouch

Heavy duty nylon tool pouch, comprising 16 pouches of varying sizes, hammer loop, measuring tape clasp and chain. Supplied with 50mm wide adjustable webbing belt. Display carton.



5902377

### 5902377

#### 6 Piece 'Pound Thru' Screwdriver Set

Hexagonal section chrome vanadium steel blades hardened, tempered and satin chrome plated finish with sand blasted tips. Handles are 'soft grip' polymer vulcanized with rooted cap allowing handle to be struck without causing damage. Colour coded handles. Display packed. PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Contents:

2 plain slot size: 6 x 100 and 8 x 150mm. 2 cross slot: No.2 and 3. PZ TYPE: No.2 and 3.



5902367

**5902367****8 Piece Cabinet Screwdriver Set**

Screwdrivers with chrome vanadium steel blades, correctly hardened and tempered with sand blasted tips. Some sizes are fitted with a hexagon bolster which enables extra power to be obtained by the use of a spanner. Flat oval colour coded cabinet pattern handles ensure high torque and user comfort. Packed in tray with plastic insert.

PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Contents:

5 plain slot size: 6 x 38, 3 x 63, 5 x 100, 6 x 100 x 6 and 8 x 150mm  
2 PZ TYPE No.1 and 2.  
1 PZ TYPE chubby: No.2.



5904265

**5904265****Card of 5 Hooked Trimming Knife Blades**

Reversible polished steel blades with accurately ground cutting edges.

Packed: 5 blades per display card.  
Type: 2 notch (hooked)



5305261

**5305261****3.6 x 3.6m Cotton Dust Sheet**

Ideal for home decorating. Packed in polythene bag.

Size: 3.6 x 3.6m.



5904257

**5904257****Fibreglass Shafted Claw Hammer**

Forged from fine grain carbon steel correctly hardened, tempered with a partly black painted head. Fibreglass shaft fitted with comfortable shock-absorbing rubber grip. Sold loose.

Weight: 560g (20oz)



5904378

**5904378****Quick Change Trimming Knife**

Retractable pattern complete with 2 two notch blades. Special banding cutting feature - allows banding to be inserted and cut without exposing whole blade. Diecast heavy duty zinc alloy with rubber soft grip inserts and push out spare blade carrier. Display packed.



5904435

**5904435****3 Piece Heavy Duty Soft Grip Pliers Set**

Manufactured to DIN Standard.

Drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Lacquered finish for corrosion protection with heavy duty, soft grip handles with slip guards. Display packed in blow mould case with see-through lid. Contents: 180mm Combination Pliers. 160mm Long Nose Pliers. 160mm Diagonal Side Cutters



5902373

**5902373****12 Piece Metric Combination Spanner Set**

Generally in accordance with DIN3113 Specifications.

With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



5950450

**5950450****Hardpoint Handsaw 500mm**

Japanese high carbon steel hardened, tempered, straightened and stress relieved to ensure blade straightness. Fine ground blade surface coated in ultra-tough lacquer to prevent corrosion and ease friction during sawing. Triple ground tooth design to allow fast cutting and sawdust removal in both forward and reverse action. Each tooth is hardened to prevent tooth snap. Shock-absorbing, ergonomic soft grip handle. Pitch: 11/12 Fine Cut.



5901095

**5901095****5m / 16ft x 27mm Measuring Tape**

Manufactured to EC Class II Accuracy. Tough impact resistant ABS case with belt clip and TPR soft grip jacket fitted with 'bump-stop' prolonging the life of the tape. The tape lock button can be operated from the side and bottom and when finished the braked return mechanism ensures a smooth return. The nylon-coated tape has metric and imperial graduations on both sides and stud centre markings every 16" and 19.2" and is fitted with a self-aligning, double ended, magnetic end-hook providing easy attachment and measuring from both sides of the tape. Display packed. Length: 5m / 16ft. Width: 27mm.





5903679

**5903679****1/4" Sq. Drive Wing Driver and Bit Set**

Manufactured and tested generally in accordance with DIN3122 and ISO3315 Specifications.

Fine 72 tooth high precision stainless steel ratchet with innovative 'wing' style ratchet handle for comfort and control. Packed in carrying case with display sleeve.

TX-STAR products are compatible with †Torx fixing systems.

Contents:

9 HI-TORQ® 6 point sockets size: 4, 5, 6, 7, 8, 9, 10, 11 and 12mm;  
Reversible wing ratchet with 10mm drive;  
10mm sq. drive adaptor with "quick release" button;  
10mm x 1/4" hex. spring bit adaptor;  
1/4" sq. drive x 1/4" hex. adaptor;  
3 plain slot bits size: 4.0, 5.5 and 7.0mm;  
2 cross slot insert bits: No.1 and 2;  
4 TX-STAR insert bits: T10, T15, T20 and T30.



5950529

**5950529****Octagonal Shank Cold Chisel**

Generally in accordance with BS3066:1995

19 x 250mm octagonal shank chisel from selected steel with polished cutting edge. Sold loose.

Blade Width: 19mm.

Blade Length: 250mm.



5904604

**5904604****250mm Soft Grip Curved Jaw Self Grip Pliers**

Jaws manufactured from good quality steel hardened and tempered. Serrated gripping surfaces and adjustable opening, with quick-release lever. Soft grip handle for user comfort. Display packed.

Length: 250mm

**Fold Flat A-Frame with Interchangeable Signs**

Fold flat A-frame sign supplied with 10 interchangeable signs (2 of each sign) in a storage case.

Size of fold flat sign: 61cm x 29cm



5903758

**5903758****8 Piece Engineers Screwdriver Set**

Professional screwdrivers have chrome vanadium steel blades hardened, tempered with satin chrome plated finish and sand blasted tips. The generous size handle is manufactured from high quality transparent PVC. Colour coded handles for easy recognition. Some blades have hexagon bolsters which enable extra power to be applied by use of an open end spanner. Packed in blow mould case with display sleeve.

PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Contents:

4 plain slot size: 5.0 x 75, 6.0 x 38, 6.0 x 100 and 8.0 x 150mm.  
2 cross slot: No.1 and 2.  
2 PZ TYPE: No.1 and 2.



6800277

**6800277****8 Piece 200mm Soft Grip Engineers File and Rasp Set**

High carbon steel, hardened and tempered with soft grip handles incorporating hang hole. Supplied in tool roll. Display packed.

Contents:

Flat, hand, half round, round, square, three square files, half round rasp and round rasp.



5300707

**5300707****Masking Tape Roll 50m x 25mm**

Low tack, easy tear and re-positional. Ideal for professional usage. Can be used for low bake masking applications. Clean peel up to 12 hours after usage. Display packed.

Width: 25mm.



5950743

**5950743****8 Piece Wood Chisel Kit**

Comprising six chisels (blade widths: 6, 12, 20, 26, 32 and 38mm), honing guide and aluminium oxide sharpening stone. Chisels have full length bevel edged blades, manufactured from chrome vanadium steel hardened, tempered, finely ground and clear lacquer coated for corrosion protection. Impact-resistant soft grip polypropylene handles. Display packed in blow mould case.



5300703

**5300703****4 Heavy Duty AAA-Size Alkaline Batteries**

4 Heavy Duty AAA-Size Alkaline Batteries.





5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg) Tether length: 7.5"/19cm Wrist Measurement: S/M 5" (13cm) – 7" (18cm) Wrist Measurement: L/XL 7" (18cm) – 8 1/2" (22cm)



5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg)



5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).



5550111

**5550111****230V 13A RCD Adapter**

Tested to BS 1363 and IEC 61540 For use in domestic and industrial premises where RCD protection is required. Has reset and test facility. Can be plugged into standard 13A socket. Display packed. Rated voltage: 230 - 250V/AC. Load: 3120W (max.). Maximum operating current: 13A. Rated trip current: 30mA. Trip speed: 30mS (typical). Double pole RCD contact break.

# ELECTRICAL ENGINEER TOOLKIT LITE



5902390

**5902390****Imperial Hexagon and Ball End Hexagon Key Set**

Hexagon keys with ball end on the long arm and conventional ends on short arm. The ball type hexagon tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Blades manufactured from chrome vanadium steel hardened and tempered with a chemically blacked finish. Supplied in fold-out easy release holder which can be wall-mounted. Display packed.

Contents:  
1/16, 5/64, 7/64, 9/64, 5/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8".

Quantity: 12 piece set.



5550111

**5550111****230V 13A RCD Adapter**

Tested to BS 1363 and IEC 61540. For use in domestic and industrial premises where RCD protection is required. Has reset and test facility. Can be plugged into standard 13A socket. Display packed. Rated voltage: 230 - 250V/AC. Load: 3120W (max.). Maximum operating current: 13A. Rated trip current: 30mA. Trip speed: 30mS (typical). Double pole RCD contact break.



5902373

**5902373****12 Piece Metric Combination Spanner Set**

Generally in accordance with DIN3113 Specifications

With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents:  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



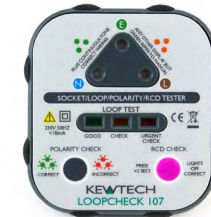
6202048

**6202048****Technicians Toolbag**

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.

5551217

**5551217****Socket Tester**

Checks correct socket outlet wiring. Checks the quality of the earthing that is essential for safe installations. Checks for the polarity of the mains supply. Checks RCDs with measured current. Bright LEDs Easy to use - anything other than green needs checking out.

6800419

**6800419****10 x Junior Hacksaw Blades**

Manufactured to BS6271

General purpose cutting blades with pinned ends. Will fit all junior hacksaw frames. Packed ten blades on display card or in bags of 100 blades.

Quantity: 10 blades per card

5904925

**5904925****Utility Key**

With two square, one triangle and one stepped key profile plus a double-ended 7mm plain/No.2 cross slot insert bit 40mm long. Holder included for 1/4" insert bit. Display packed.

5900506

**5900506****8 Piece Ball End Metric Hexagon Key Set**

Manufactured from hardened and tempered chrome vanadium steel. The ball end tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Fitted in pocket-size plastic storage holder with non-slip grip. Display packed.

Contents: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 8.0mm.

5905907

**5905907****30-20 AWG Wire Strippers**

Pocket-sized for cutting and stripping cable and wire. Incorporates pliers in the jaws together with open/close lock keeps jaws closed when not in use. Wire stripping range 0.2-0.8mm<sup>2</sup>/30-20AWG. Spring-loaded jaws for one-handed operation. Supplied with two replacement chrome molybdenum cable stripping blades. Display packed.

5903948

**5903948****150mm Crescent-Type Adjustable Wrench**

Crescent-type wrench manufactured from chrome vanadium steel hardened and tempered with black phosphate finish, polished profile and jaws. Jaws offset at 22°. The 150, 200, 250 and 300mm sizes have a graduated scale on the fixed jaws. Suitable for use in areas where chemicals and chrome plate can give off poisonous fumes. Display packed. Capacity: 24mm. Length: 150mm.



5906215

**5906215****6 piece VDE Screwdriver Set**

Individually tested protective insulation 1,000 V AC, VDE and GS tested. Manufactured acc. to IEC 60900:2012. Blade made from high quality chrome-vanadium-molybdenum steel hardened with black finish. Protective insulation moulded directly onto the blade and completely integrated into the blade in the lower area. SoftFinish multi-component handle with roll-off protection. The integrated protective insulation enables low-lying fastening and spring elements to be reached and manipulated. Slim blades. Unique concept of screwdriver handle sizes for an optimum balance between torque and control.



5903204

**5903204****185mm Ergo Plus® Fully Insulated VDE Pliers**

Manufactured to DIN Standard and individually certified to EN 60900

Special steel hardened and tempered with cutting edges separately induction hardened. Ergonomic shape of head and handles allow user to access difficult working areas and still keep a tight grip on the workpiece. The pliers have following functions: flat cutter on the tip of the head for use on cable ties; wire stripper 1.5 and 2.5mm<sup>2</sup> wire; diagonal cutter for medium hard wire (3.5mm<sup>2</sup>), hard wire (2.5mm<sup>2</sup>) and piano wire (2mm<sup>2</sup>); crimper for terminals 1.5 and 2.5mm<sup>2</sup>; pattress screw cutter for M3.5 and M4 screws and wire looping device on underside of pliers for looping wire for plug screws/ terminals. Display packed.



5904394

**5904394****200mm VDE Hi-Leverage Diagonal Side Cutter**

Manufactured to DIN Standard and individually certified to EN 60900

Drop forged from chrome vanadium steel correctly hardened and tempered with additionally induction hardened cutting edges. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handles with slip guards. Display packed.

Cuts hard wire: 2.7mm.  
Cuts med hard wire: 4.2mm.  
Cuts piano wire: 2mm.  
Length: 200mm.



5904396

**5904396****250mm VDE Waterpump Pliers**

Manufactured to DIN Standard and individually certified to EN 60900.

Drop forged from chrome vanadium steel correctly hardened and tempered. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handle. Has 'no-nip' feature which prevents handles locking together when at largest capacity and damaging users' hands. Display packed.

Capacity: 38mm.



5300702

**5300702****4 Heavy Duty AA-Size Alkaline Batteries**

4 Heavy Duty AA-Size Alkaline Batteries.



5904389

**5904389****200mm VDE Long Nose Pliers**

Manufactured to DIN Standard and individually certified to EN 60900.

Drop forged from chrome vanadium steel correctly hardened and tempered with additionally induction hardened cutting edges. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handles with slip guards. Display packed.

Cuts hard wire: 1.6mm. Cuts med hard wire: 3.6mm.  
Length: 200mm



5300703

**5300703****4 Heavy Duty AAA-Size Alkaline Batteries**

4 Heavy Duty AAA-Size Alkaline Batteries.





5903377

**5903377****60 Piece Socket and Screwdriver Bit Set**

Combined socket and bit set comprising two bit holding handles, adaptors, insert bits and sockets manufactured from good quality steels. Display packed in plastic blow mould carrying case and display sleeve.

PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Draper TX-STAR products are compatible with †Torx fixing systems.

\*Pozidriv®/Supadriv® are registered trademarks of Trifast Plc.

†Torx is the registered trademark of Acument Intellectual Properties LLC.

Contents:

1/4" magnetic bit holding driver.

Offset ratchet handle 1/4" sq. dr. x 1/4" hexagon.

Magnetic bit holder 1/4" (F) x 1/4" (M) hexagon.

1/4" (F) x 1/4" sq. drive bit adaptor.

1/4" (M) x 1/4" sq. drive socket adaptor.

7 plain slot bits size: 3.0, 4.0, 4.5, 5.0, 5.5, 6.0 and 7.0mm.

3 cross slot bits: No.1, 2 and 3.

3 PZ TYPE bits: No.1, 2 and 3.

7 TX-STAR bits: T8, T9, T10, T15, T20, T25 and T27.

9 hexagonal bits: 2.5, 3.0, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0 and 8.0mm.

12 x 1/4" sq. drive carbon steel hex. sockets size: 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0, 12.0 and 13.0mm.

9 x 1/4" sq. drive carbon steel hex. sockets size: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 7/16 and 1/2" AF.

5 x 1/4" sq. drive carbon steel hex. sockets size: 0, 2, 4, 6, and 8 BA.

**5210522****Aluminium Torch**

Aluminium case with on/off button. The LEDs produces clear beam of 20 lumen light. Fitted with a focusing beam function. Uses 2 x AA size batteries (sold separately). Display packed.

**5640304****Soft Grip Mini Saw with Powder Coated Frame**

Specially designed for small cutting jobs on metal, wood, plastics etc., where space is limited. Powder coated metal frame with shaped soft grip handle for user comfort and control and blade tensioner. Supplied with blade. Display packed.

**5904378****Quick Change Trimming Knife**

Retractable pattern complete with 2 two notch blades. Special banding cutting feature - allows banding to be inserted and cut without exposing whole blade. Diecast heavy duty zinc alloy with rubber soft grip inserts and push out spare blade carrier. Display packed.

5904378



5901095

**5901095****5m / 16ft x 27mm Measuring Tape**

Manufactured to EC Class II Accuracy

Tough impact resistant ABS case with belt clip and TPR soft grip jacket fitted with 'bump-stop' prolonging the life of the tape. The tape lock button can be operated from the side and bottom and when finished the braked return mechanism ensures a smooth return. The nylon-coated tape has metric and imperial graduations on both sides and stud centre markings every 16" and 19.2" and is fitted with a self-aligning, double ended, magnetic end-hook providing easy attachment and measuring from both sides of the tape. Display packed. Length: 5m / 16ft. Width: 27mm.

5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg)



5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).

5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg). Wrist Measurement: S/M 5" (13cm) - 7" (18cm). Wrist Measurement: L/XL 7" (18cm) - 8 1/2" (22cm). Tether length: 7.5" / 19cm.



**5550271****Voltage Indicator (unfused) & Proving Device**

Nominal Voltage Range: 50 - 600V AC / DC.  
 Nominal Voltage Threshold Indications: 50, 100, 200, 400 V DC/AC rms.  
 Nominal Voltage threshold tolerance: < 85% of marked threshold indication.

Polarity indication: from approx 12V DC/AC rms.

AC/DC voltage detection: automatic.

Range detection: automatic.

Response time: < 0.1s.

Frequency range: DC, 1 - 400 Hz.

Test current: < 3.5mA at 600V DC/AC rms.

Duty ratio: 30s ON (operated) / 240s OFF (recovery).

**Environmental:**

Temperature & Humidity (operating & storage): -10°C to 55°C ≤ 85%

R.H. / -10°C to 55°C ≤ 85% R.H.

Altitude: up to 2000m. IP rating: IP54.

**General:**

Power: from circuit under test.

Dimensions: 205(L) x 67(W) x 27(D) mm.

Weight: 130g approx.

**Safety:**

Conforms to BS EN 61243-3:2010 CAT IV 600 V, CAT III 1000V

Class II, Double Insulation

Pollution Degree: 2

EMC: Conforms to BS EN 61326-1

5550271

**5101346****Multiscanner**

Most objects are found and application errors are avoided due to the automatic calibration. Reliable detection even of deep-lying objects - up to a depth of 12 cm. Even more reliable detection of objects due to three-colour LED luminous ring. Pinpoint indication of the object's centre with the "Centre Finder" scale and display of material properties. Illuminated display. Marking hole with LED luminous ring. 3 detection modes for various applications: Drywall mode, metal mode, live cable mode.

Detects: Ferrous metals, non-ferrous metals, wooden studs, live cables

Max. detection depth: 120 mm

Detection depth, steel, max.: 120 mm

Detection depth, copper, max.: 80 mm

Detection depth, live cables, max.: 50 mm

Detection depth of wooden substructures, max.: 38 mm

Automatic deactivation, approx: 5 min

Power supply: 1 x 9 V 6LR61

Weight, approx: 0.27kg

Length: 200mm

Width: 85mm

Height: 32mm

Dust and splash protection: IP 54

5101346

# MULTI ENGINEER TOOLKIT LITE





5600121

**5600121****14 Division PVC Tool Roll**

Manufactured from PVC with bound edges and securing tapes. Packed in polythene bag with display card.

Dimensions: 675 x 330mm  
Divisions: 14



5210522

**5210522****Aluminium Torch**

Aluminium case with on/off button. The LEDs produces clear beam of 20 lumen light. Fitted with a focusing beam function. Uses 2 x AA size batteries (sold separately). Display packed.



5903948

**5903948****150mm Crescent-Type Adjustable Wrench**

Crescent-type wrench manufactured from chrome vanadium steel hardened and tempered with black phosphate finish, polished profile and jaws. Jaws offset at 22°. The 150, 200, 250 and 300mm sizes have a graduated scale on the fixed jaws. Suitable for use in areas where chemicals and chrome plate can give off poisonous fumes. Display packed. Capacity: 24mm. Length: 150mm.



5904925

**5904925****Utility Key**

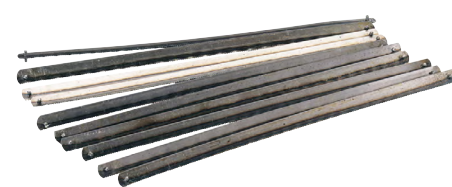
With two square, one triangle and one stepped key profile plus a double-ended 7mm plain/No.2 cross slot insert bit 40mm long. Holder included for 1/4" insert bit. Display packed.



5300702

**5300702****4 Heavy Duty AA-Size Alkaline Batteries**

4 Heavy Duty AA-Size Alkaline Batteries.



6800419

**6800419****10 x Junior Hacksaw Blades**

Manufactured to BS6271

General purpose cutting blades with pinned ends. Will fit all junior hacksaw frames. Packed ten blades on display card or in bags of 100 blades.

Quantity: 10 blades per card.



5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg)



5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg). Wrist Measurement: S/M 5" (13cm) – 7" (18cm). Wrist Measurement: L/XL 7" (18cm) – 8 1/2" (22cm). Tether length: 7.5" / 19cm.



5906215

**5906215****6 piece VDE Screwdriver Set**

Individually tested protective insulation 1,000 V AC, VDE and GS tested. Manufactured acc. to IEC 60900:2012. Blade made from high quality chrome-vanadium-molybdenum steel hardened with black finish. Protective insulation moulded directly onto the blade and completely integrated into the blade in the lower area. SoftFinish multi-component handle with roll-off protection. The integrated protective insulation enables low-lying fastening and spring elements to be reached and manipulated. Slim blades. Unique concept of screwdriver handle sizes for an optimum balance between torque and control.





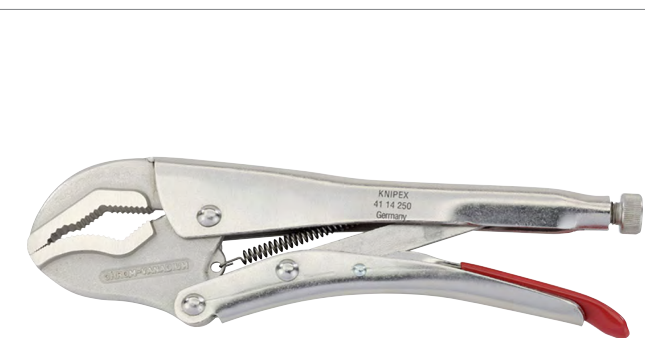
5903321

### 5903321 300mm Cobra® Waterpump Pliers

Manufactured to DIN ISO 8976 Specifications

Professional Quality, manufactured from chrome vanadium electric steel, oil hardened and tempered, with smoothly ground jaws, joint faces and an accurately formed box joint with safety stop. The parallelogram-shaped gripping surfaces have specially hardened teeth to 61HRC for positive grip on pipes and nuts. One hand press button adjustment. Plastic coated handles with slip guards for extra safety. Has 'no-nip' feature which prevents handles locking together and damaging users' hands. Display packed.

Hold Nuts Across Flats: 60mm  
Hold Pipe Dia: 70mm  
Jaw Positions: 30  
Length: 300mm



5903897

### 5903897 250mm Prism Jaw Self Grip Pliers

Body manufactured from high strength special grade steel with jaw inserts from drop forged chrome vanadium steel and nickel plated. Serrated gripping surfaces in double prism jaws for both round and flat sectioned material. Fitted with a quick-release lever. Display packed.

Grips Hexagon: 13-36mm  
Grips Square: 36mm  
Grips Round: 36mm  
Length: 250mm



5902373

### 5902373 12 Piece Metric Combination Spanner Set

Generally in accordance with DIN3113 Specifications

With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



5904378

### 5904378 Quick Change Trimming Knife

Retractable pattern complete with 2 two notch blades. Special banding cutting feature - allows banding to be inserted and cut without exposing whole blade. Diecast heavy duty zinc alloy with rubber soft grip inserts and push out spare blade carrier. Display packed.



5904257

### 5904257 Fibreglass Shafted Claw Hammer

Forged from fine grain carbon steel correctly hardened, tempered with a partly black painted head. Fibreglass shaft fitted with comfortable shock-absorbing rubber grip. Sold loose.

Weight: 560g (20oz)



5905907

### 5905907 30-20 AWG Wire Strippers

Pocket-sized for cutting and stripping cable and wire. Incorporates pliers in the jaws together with open/close lock keeps jaws closed when not in use. Wire stripping range 0.2-0.8mm<sup>2</sup>/30-20AWG. Spring-loaded jaws for one-handed operation. Supplied with two replacement chrome molybdenum cable stripping blades. Display packed.



5900506

### 5900506 8 Piece Ball End Metric Hexagon Key Set

Manufactured from hardened and tempered chrome vanadium steel. The ball end tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Fitted in pocket-size plastic storage holder with non-slip grip. Display packed.

Contents: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 8.0mm.



5902372

### 5902372 250mm Adjustable Pipe Wrench

Traditional pattern wrench. Handle drop forged hardened and tempered. Jaws additionally induction hardened to 55-60 HRC for durability and long life. Frame and handle electrostatically painted. Display packed.

Capacity: 40mm. Length: 250mm.



5640304

### 5640304 Soft Grip Mini Saw with Powder Coated Frame

Specially designed for small cutting jobs on metal, wood, plastics etc., where space is limited. Powder coated metal frame with shaped soft grip handle for user comfort and control and blade tensioner. Supplied with blade. Display packed.



5903746

**5903746****25 Piece 3/8" Sq. Dr. Metric Socket Set in Metal Case**

Manufactured and tested generally in accordance with DIN3122 and ISO3315 Specifications

Chrome vanadium steel hardened, tempered and satin chrome plated for corrosion protection. Sockets have knurled ring for extra grip. Packed in steel carrying case with laser cut foam insert and display sleeve.

**Contents:**

17 6 point sockets size: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 and 24mm;

2 6 point spark plug sockets size: 10 and 14mm;

Reversible ratchet with soft grip handle and quick release button;

2 wobble extension bars with hex. outer end size: 75 and 150mm;

Tee bar head/1/2" (F) x 3/8" (M) converter;

Universal joint;

Bit holder 3/8" sq drive x 1/4" hexagon.

Tee bar head/converter when used with extension bar forms a sliding tee bar.



5901095

**5901095****5m / 16ft x 27mm Measuring Tape**

Manufactured to EC Class II Accuracy

Tough impact resistant ABS case with belt clip and TPR soft grip jacket fitted with 'bump-stop' prolonging the life of the tape. The tape lock button can be operated from the side and bottom and when finished the braked return mechanism ensures a smooth return. The nylon-coated tape has metric and imperial graduations on both sides and stud centre markings every 16" and 19.2" and is fitted with a self-aligning, double ended, magnetic end-hook providing easy attachment and measuring from both sides of the tape. Display packed. Length: 5m / 16ft. Width: 27mm.

**6202048****Technicians Toolbag**

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.

6202048



5903204

**5903204****185mm Ergo Plus® Fully Insulated VDE Pliers**

Manufactured to DIN Standard and individually certified to EN 60900

Special steel hardened and tempered with cutting edges separately induction hardened. Ergonomic shape of head and handles allow user to access difficult working areas and still keep a tight grip on the workpiece. The pliers have following functions: flat cutter on the tip of the head for use on cable ties; wire stripper 1.5 and 2.5mm<sup>2</sup> wire; diagonal cutter for medium hard wire (3.5mm<sup>2</sup>), hard wire (2.5mm<sup>2</sup>) and piano wire (2mm<sup>2</sup>); crimper for terminals 1.5 and 2.5mm<sup>2</sup>; pattress screw cutter for M3.5 and M4 screws and wire looping device on underside of pliers for looping wire for plug screws/ terminals. Display packed.



5904394

**5904394****200mm VDE Hi-Leverage Diagonal Side Cutter**

Manufactured to DIN Standard and individually certified to EN 60900

Drop forged from chrome vanadium steel correctly hardened and tempered with additionally induction hardened cutting edges. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handles with slip guards. Display packed.

Cuts hard wire: 2.7mm.

Cuts med hard wire: 4.2mm.

Cuts piano wire: 2mm.

Length: 200mm.



5904389

**5904389****200mm VDE Long Nose Pliers**

Manufactured to DIN Standard and individually certified to EN 60900.

Drop forged from chrome vanadium steel correctly hardened and tempered with additionally induction hardened cutting edges. Each plier has been tested to 10,000V for safe 1000V AC or 1500V DC live line working. Lacquered finish for corrosion protection with heavy duty, fully insulated, soft grip handles with slip guards. Display packed.

Cuts hard wire: 1.6mm.

Cuts med hard wire: 3.6mm.

Length: 200mm



**5550271****Voltage Indicator (unfused) & Proving Device**

Nominal Voltage Range: 50 - 600V AC / DC.  
Nominal Voltage Threshold Indications: 50, 100, 200, 400 V DC/AC rms.  
Nominal Voltage threshold tolerance: < 85% of marked threshold indication.

Polarity indication: from approx 12V DC/AC rms.

AC/DC voltage detection: automatic.

Range detection: automatic.

Response time: < 0.1s.

Frequency range: DC, 1 - 400 Hz.

Test current: < 3.5mA at 600V DC/AC rms.

Duty ratio: 30s ON (operated) / 240s OFF (recovery).

**Environmental:**

Temperature & Humidity (operating & storage): -10°C to 55°C ≤ 85%

R.H. / -10°C to 55°C ≤ 85% R.H.

Altitude: up to 2000m. IP rating: IP54.

**General:**

Power: from circuit under test.

Dimensions: 205(L) x 67(W) x 27(D) mm.

Weight: 130g approx.

**Safety:**

Conforms to BS EN 61243-3:2010 CAT IV 600 V, CAT III 1000V

Class II, Double Insulation

Pollution Degree: 2

EMC: Conforms to BS EN 61326-1

**OPTIONAL EXTRA****Not Included in Toolkit****5550179****376 True-rms AC/DC Clamp Meter with iFlex™**

CAT IV 600 V, CAT III 1000 V.

iFlex flexible current probe expands the measurement range to 2500 A ac. True-rms ac voltage and current for accurate measurements on non-linear signals. Min, max, average and inrush recording to capture variations automatically. Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings. Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it. Ergonomic design fits in your hand and can be used while wearing protective equipment. Large, easy to read backlight display automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement. Soft carrying case.

**Safety conformance:**

EN/IEC 61010-1:2001; 1000V CAT III, 600V CAT IV.

**5550179**

# PLUMBERS TOOLKIT





5900507

**5900507****Rubber Mallet With Hardwood Shaft (410G - 14.5oz)**

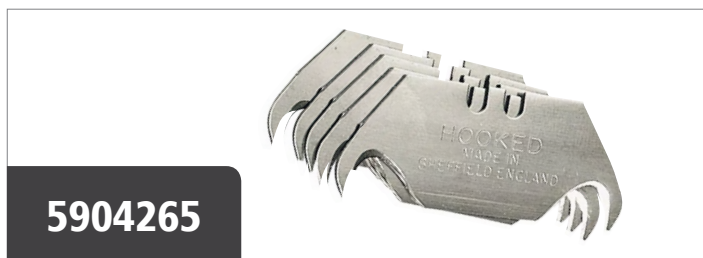
410G (14.5oz) rubber mallet, manufactured with a heavy-duty rubber head, that's securely fitted to a hardwood shaft by a fixed pin. The rubber head delivers a gentle but firm blow. Used as a general-purpose mallet in many industries.



6800158

**6800158****300mm Hacksaw Frame and Blade**

Traditional pattern with an adjustable chrome plated tubular frame for 300mm blades. Frame has two sets of blade spigots which allows straight or 45° cutting. Can be used as a rod saw. Enamelled aluminium handle. Supplied with a 300mm HSS blade. Display packed.

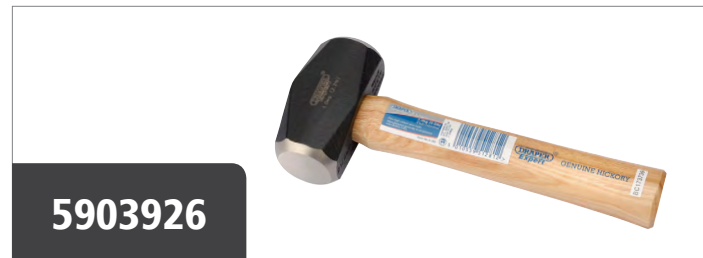


5904265

**5904265****Card of 5 Hooked Trimming Knife Blades**

Reversible polished steel blades with accurately ground cutting edges.

Packed: 5 blades per display card.  
Type: 2 notch (hooked)



5903926

**5903926****1kg Hickory Shaft Club Hammer**

Forged head from high fine grain carbon steel correctly hardened and tempered. The striking faces are accurately ground and polished. The shaft is made from first quality straight grained hickory. Sold loose.

Weight: 1.0kg (2.2 lb).

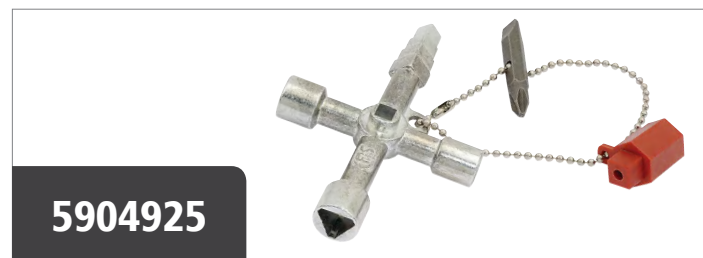


6800139

**6800139****Bi-Metal Hacksaw Blades**

Conforms to BS 1919

10 x 300mm 24tpi bi-metal hacksaw blades. Saw edge, manufactured from high speed steel strip, electron beam welded to high quality carbon steel backing. Display packed ten blades per card. Pitch: 24.



5904925

**5904925****Utility Key**

With two square, one triangle and one stepped key profile plus a double-ended 7mm plain/No.2 cross slot insert bit 40mm long. Holder included for 1/4" insert bit. Display packed.



6202048

**6202048****Technicians Toolbag**

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.



5950100

**5950100****600mm Optivision Level**

Highly visible red Opti-vision™ tilted vial which allows single bubble view over 90° and front viewing Plumb Site® Dual View™ RedEffect™ vial. Aluminium box section extrusion with milled base (not 1800mm), curved top, electrostatically powder coated and baked with polyester acrylic paint Ergo Grip™ nonslip soft grip handles, tough bi-material end caps, anti-slip wall pads and vertical vials. Accuracy 0.5mm per 1M = 0.029° in standard position. Length: 600mm.



6200241

**6200241****16 Pocket Tool Pouch**

Heavy duty nylon tool pouch, comprising 16 pouches of varying sizes, hammer loop, measuring tape clasp and chain. Supplied with 50mm wide adjustable webbing belt. Display carton.



5950450

**5950450****Hardpoint Handsaw 500mm**

Soft grip hardpoint handsaw. Japanese high carbon steel hardened, tempered, straightened and stress relieved to ensure blade straightness. Fine ground blade surface coated in ultra-tough lacquer to prevent corrosion and ease friction during sawing. Triple ground tooth design to allow fast cutting and sawdust removal in both forward and reverse action. Each tooth is hardened to prevent tooth snap. Pitch: 11/12 Fine Cut.



5950540

**5950540****Electricians Bolster with Hand Guard**

Generally in accordance with BS3066:1995  
Ground cutting edges and octagonal shank. Fitted with impact absorbing hand protection grip. For levering up and cutting through the tongues and grooves of floorboards. Sold loose.

Dimensions: 225 x 60mm.



5950522

**5950522****Brick Bolster with Hand Guard**

Generally in accordance with BS3066:1995  
Ground cutting edges and octagonal shank. For cutting bricks and composite blocks. Fitted with impact absorbing hand protection grip. Sold loose.

Dimensions: 225 x 100mm.  
Blade Width: 100mm.



5902337

**5902337**  
**Pipe Cutter**

Professional Quality, high strength steel, this pipe cutter is designed to make light work of cutting plastic and composite pipes up to 40mm diameter using a ratchet action. The galvanised finish will keep the tool rust free under wet working conditions. Spare blades are available. Display packed.

Capacity: 26 - 40mm



5901095

**5901095**  
**5m / 16ft x 27mm Measuring Tape**

Manufactured to EC Class II Accuracy. Tough impact resistant ABS case with belt clip and TPR soft grip jacket fitted with 'bump-stop' prolonging the life of the tape. The tape lock button can be operated from the side and bottom and when finished the braked return mechanism ensures a smooth return. The nylon-coated tape has metric and imperial graduations on both sides and stud centre markings every 16" and 19.2" and is fitted with a self-aligning, double ended, magnetic end-hook providing easy attachment and measuring from both sides of the tape. Display packed. Length: 5m / 16ft. Width: 27mm.



5902351

**5902351****35mm Capacity Plastic Pipe or Moulding Cutter**

Heavy duty trigger operated cutter for cutting plastic pipes (6-35mm O/D) and mouldings. The ratchet blade action reduces distortion to a minimum. The cutter's body is manufactured from diecast aluminium and fitted with a heat treated replaceable stainless steel blade. Display packed.



5902371

**5902371****300mm Adjustable Pipe Wrench**

Traditional pattern wrench. Handle drop forged hardened and tempered. Jaws additionally induction hardened to 55-60 HRC for durability and long life. Frame and handle electrostatically painted. Display packed.

Capacity: 45mm  
Length: 300mm



5930117

**5930117****3 - 22mm Capacity Mini Tubing Cutter**

Adjustable, for small bore tubing or in-situ applications where space is limited. Diecast aluminium body, hardened steel blade, two flare groove rollers and deburring reamer in adjusting knob. Display packed.



5950124

**5950124****1/2"/15mm x 3/4"/22mm BSP Basin Wrench**

Malleable cast iron wrench with accurately machined jaw faces. Designed for horizontal or vertical use in confined areas on back nuts fitted to taps and basins and other fittings. Display packed.



5902380

**5902380****450mm Adjustable Pipe Wrench**

Traditional pattern wrench. Handle drop forged hardened and tempered. Jaws additionally induction hardened to 55-60 HRC for durability and long life. Frame and handle electrostatically painted. Display packed.

Capacity: 65mm  
Length: 450mm



5904378

**5904378**  
**Quick Change Trimming Knife**

Retractable pattern complete with 2 two notch blades. Special banding cutting feature - allows banding to be inserted and cut without exposing whole blade. Diecast heavy duty zinc alloy with rubber soft grip inserts and push out spare blade carrier. Display packed.





5902377

**5902377****6 Piece 'Pound Thru' Screwdriver Set**

Hexagonal section chrome vanadium steel blades hardened, tempered and satin chrome plated finish with sand blasted tips. Handles are 'soft grip' polymer vulcanized with rooted cap allowing handle to be struck without causing damage. Colour coded handles.

PZ TYPE products are compatible with \*Pozidriv®/Supadriv® fixing systems.

Contents:  
2 plain slot size: 6 x 100 and 8 x 150mm,  
2 cross slot: No.2 and 3  
PZ TYPE: No.2 and 3



5904257

**5904257****Fibreglass Shafted Claw Hammer**

Forged from fine grain carbon steel correctly hardened, tempered with a partly black painted head. Fibreglass shaft fitted with comfortable shock-absorbing rubber grip. Sold loose.

Weight: 560g (20oz)



5950529

**5950529****Octagonal Shank Cold Chisel**

Generally in accordance with BS3066:1995  
19 x 250mm octagonal shank chisel from selected steel with polished cutting edge. Sold loose.

Blade Width: 19mm.  
Blade Length: 250mm.



5210160

**5210160****Aluminium Torch (2 x D Batteries)**

Machined high quality aluminium with anodized finish for corrosion protection. Water and impact-resistant with high intensity krypton bulb for maximum light. Flood to spot beam light adjustment and push button on/off switch. Uses 2 x D batteries (sold separately). Spare bulb supplied. Display packed.



5902366

**5902366****Caulking Gun 225mm**

Steel skeleton frame, handle with plunger and release clip. Compatible with 225ml sealant tubes. Sold loose.



5902373

**5902373****12 Piece Metric Combination Spanner Set**

Generally in accordance with DIN3113 Specifications

With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents:  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



5301118

**5301118****12 Piece Holesaw Kit**

Heavy duty variable pitch bi-metal holesaws for cutting wood, steel, brass, bronze, cast iron, aluminium and plastics. Manufactured from high quality steel with M3 steel cutting edge for fast clean heavy duty cutting action. Maximum cutting depth 35mm. Packed in carrying case.

Contents:  
4mm hexagon key  
9 holesaw blades size: 20, 22, 29, 35, 38, 44, 51, 57, 64mm diameter.  
5/16" locking hexagonal shank holesaw arbor with HSS pilot drill  
7/16" locking hexagonal shank holesaw arbor with HSS pilot drill



5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).





5903321

### 5903321 300mm Cobra® Waterpump Pliers

Manufactured to DIN ISO 8976 Specifications

Professional Quality, manufactured from chrome vanadium electric steel, oil hardened and tempered, with smoothly ground jaws, joint faces and an accurately formed box joint with safety stop. The parallelogram-shaped gripping surfaces have specially hardened teeth to 61HRC for positive grip on pipes and nuts. One hand press button adjustment. Plastic coated handles with slip guards for extra safety. Has 'no-nip' feature which prevents handles locking together and damaging users' hands. Display packed.

Hold Nuts Across Flats: 60mm  
Hold Pipe Diameter: 70mm  
Jaw Positions: 30  
Length: 300mm



5902972

### 5902972 250mm Cobra® Waterpump Pliers

Manufactured to DIN ISO 8976 Specifications

Professional Quality, manufactured from chrome vanadium electric steel, oil hardened and tempered, with smoothly ground jaws, joint faces and an accurately formed box joint with safety stop. The parallelogram-shaped gripping surfaces have specially hardened teeth to 61HRC for positive grip on pipes and nuts. One hand press button adjustment. Plastic coated handles with slip guards for extra safety. Has 'no-nip' feature which prevents handles locking together and damaging users' hands. Display packed.

Hold Nuts Across Flats: 46mm  
Hold Pipe Diameter: 50mm  
Jaw Positions: 25  
Length: 250mm



5902359

### 5902359 180mm Heavy Duty Soft Grip High Leverage Diagonal Side Cutter

Manufactured to DIN Standard

Drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Higher leverage is achieved by setting the fulcrum point closer to the jaw, increasing the lever moment. Lacquered finish for corrosion protection with heavy duty, soft grip handles with slip guards. Display packed.

Cuts hard wire: 2.3mm  
Cuts med hard wire: 3.8mm  
Cuts piano wire: 1.8mm  
Length: 180mm



5903897

### 5903897 250mm Prism Jaw Self Grip Pliers

Body manufactured from high strength special grade steel with jaw inserts from drop forged chrome vanadium steel and nickel plated. Serrated gripping surfaces in double prism jaws for both round and flat sectioned material. Fitted with a quick-release lever. Display packed.

Grips Hexagon: 13-36mm  
Grips Square: 36mm  
Grips Round: 36mm  
Length: 250mm



5902357

### 5902357 200mm Combination Pliers

Manufactured to DIN Standard

Drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Lacquered finish for corrosion protection with heavy duty, soft grip handles with slip guards. Display packed.

Cuts hard wire: 2.3mm  
Cuts med hard wire: 3.8mm  
Length: 200mm



5902358

### 5902358 200mm Long Nose Pliers

Manufactured to DIN Standard

Drop forged from chrome vanadium steel, hardened and tempered with additionally induction hardened cutting edges. Lacquered finish for corrosion protection with heavy duty, soft grip handles with slip guards. Display packed.

Cuts hard wire: 1.6mm  
Cuts med hard wire: 3.6mm  
Length: 200mm



5903204

**5903204****185mm Ergo Plus® Fully Insulated VDE Pliers**

Manufactured to DIN Standard and individually certified to EN 60900

Special steel hardened and tempered with cutting edges separately induction hardened. Ergonomic shape of head and handles allow user to access difficult working areas and still keep a tight grip on the workpiece. The pliers have following functions: flat cutter on the tip of the head for use on cable ties; wire stripper 1.5 and 2.5mm<sup>2</sup> wire; diagonal cutter for medium hard wire (3.5mm<sup>2</sup>), hard wire (2.5mm<sup>2</sup>) and piano wire (2mm<sup>2</sup>); crimper for terminals 1.5 and 2.5mm<sup>2</sup>; pattscrew cutter for M3.5 and M4 screws and wire looping device on underside of pliers for looping wire for plug screws/ terminals. Display packed.



5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord.

Lock stitching at both ends gives extra security.

Barrel lock for tool attachment.

Extends From 35" to 42" (.89mtr - 1.1mtr)

Maximum safe working capacity 10 lbs. (4.55kg)



5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard, Polyester webbing cuff secures to wrist.

Ribbed pull cord. Adjustable barrel lock for tool attachment.

Maximum safe working capacity: 2 lbs. (0.9 kg)

Tether length: 7.5"/19cm

Wrist Measurement: S/M 5" (13cm) – 7" (18cm)

Wrist Measurement: L/XL 7" (18cm) – 8 1/2" (22cm)



5300711

**5300711****12M Plumbing Tape**

For water plumbing applications. In plastic reel with dust cover. Shrink wrapped in singles with label.

Not suitable for use on gas pipework



5300704

**5300704****2 x Heavy Duty D Size Alkaline Batteries**

2 x Heavy Duty D Size Alkaline Batteries

**Fold Flat A-Frame with Interchangeable Signs**

Fold flat A-frame sign supplied with 10 interchangeable signs (2 of each sign) in a storage case.

Size of fold flat sign: 61cm x 29cm



5300703

**5300703****4 Heavy Duty AAA-Size Alkaline Batteries**

4 Heavy Duty AAA-Size Alkaline Batteries

5600121

**5600121****14 Division PVC Tool Roll**

Manufactured from PVC with bound edges and securing tapes. Packed in polythene bag with display card.

Dimensions: 675 x 330mm  
Divisions: 14

5640304

**5640304****Soft Grip Mini Saw with Powder Coated Frame**

Specially designed for small cutting jobs on metal, wood, plastics etc., where space is limited. Powder coated metal frame with shaped soft grip handle for user comfort and control and blade tensioner. Supplied with blade. Display packed.

6800419

**6800419****10 x Junior Hacksaw Blades**

Manufactured to BS6271

General purpose cutting blades with pinned ends. Will fit all junior hacksaw frames. Packed ten blades on display card or in bags of 100 blades.

Quantity: 10 blades per card

5902352

**5902352****Pipe Cutter for 15mm O/D Pipes**

For cutting pipes in confined areas. Steel wheel with flare groove rollers. Cuts in one direction. Spare cutting wheel available. Display packed.

5902353

**5902353****Pipe Cutter for 22mm O/D Pipes**

For cutting pipes in confined areas. Steel wheel with flare groove rollers. Cuts in one direction. Spare cutting wheel available. Display packed.

5950730

**5950730****Pipe Cutter for 28mm O/D Pipes**

For cutting pipes in confined areas. Steel wheel with flare groove rollers. Cuts in one direction. Spare cutting wheel available. Display packed.

# REFRIGERATION TOOLKIT





6800139

**6800139****Bi-Metal Hacksaw Blades**

Conforms to BS 1919  
10 x 300mm 24tpi bi-metal hacksaw blades. Saw edge, manufactured from high speed steel strip, electron beam welded to high quality carbon steel backing. Pitch: 24.

Display packed ten blades per card.



5901162

**5901162****Flexible Head Ratcheting Combination Spanner Set**

Open end set at 15°. The HI-TORQ® flexible head allows movement through 180°. Only 5° movement required to turn fastener, especially useful in confined spaces. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Display packed. 7 piece set.

Contents: 10, 12, 13, 14, 15, 17 and 19mm



6202048

**6202048****Technicians Toolbag**

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.



6200241

**6200241****16 Pocket Tool Pouch**

Heavy duty nylon tool pouch, comprising 16 pouches of varying sizes, hammer loop, measuring tape clasp and chain. Supplied with 50mm wide adjustable webbing belt. Display carton.



5010123

**5010123****Flaring & Swaging Set**

Ideal set to work tube - flaring, swaging and cutting. Includes a handy hexagonal ratchet wrench for valves and refrigerant bottles. Perfect kit for the refrigeration expert.

Includes: 1/8" - 3/4" flaring tool, 3/16" - 3/4" swaging tool, 6-35mm tube cutter, 3/16" - 9/16" hexagonal ratchet wrench, in a carry case.



6800158

**6800158****300mm Hacksaw Frame and Blade**

Traditional pattern with an adjustable chrome plated tubular frame for 300mm blades. Frame has two sets of blade spigots which allows straight or 45° cutting. Can be used as a rod saw. Enamelled aluminium handle. Supplied with a 300mm HSS blade. Display packed.



5120111

**5120111****NRV200-21 Red Vacuum Cleaner**

The NRV200-21 Commercial version of Henry has all the many features of the Henry design with full professional power and performance. It has the addition of an extended commercial 12.5 metre cable, a skirt around the larger front castors, a powerful 580w motor and a lighter aluminium wand set the NA1 Kit.



5101377

**5101377****4 Piece Robust Line Multi Construction Drill Bit Set**

Suitable for practically all materials in interior fitting work, e.g. concrete, masonry, brick, Eternit, light building materials, multi-layer materials, ceramics and tiles, wood, plastic, structural steel, metal plates and aluminium. Perfect results when drilling with or without impact. Drill bit colour: blue, polished. Includes: 5.5mm x 85mm overall. 6.0mm x 100mm overall. 7.0mm x 100mm overall & 8.0mm x 120mm overall.



5902390

**5902390****Imperial Hexagon and Ball End Hexagon Key Set**

Hexagon keys with ball end on the long arm and conventional ends on short arm. The ball type hexagon tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Blades manufactured from chrome vanadium steel hardened and tempered with a chemically blacked finish. Supplied in fold-out easy release holder which can be wall-mounted. Display packed. Quantity: 12 piece set. Contents: 1/16, 5/64, 7/64, 9/64, 5/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16 and 3/8".



5902361

**5902361****11 Piece Imperial Combination Spanner Set**

Manufactured in accordance with DIN3113.

Forged from chrome vanadium steel hardened, tempered and chrome plated for corrosion protection. HI-TORQ® ring end offset at 15°. Jaw offset at 15°. Supplied in vinyl divided wallet with tie cord. Display carton.

1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16 and 7/8" AF



5903204

**5903204****185mm Ergo Plus® Fully Insulated VDE Pliers**

Manufactured to DIN Standard and individually certified to EN 60900

Special steel hardened and tempered with cutting edges separately induction hardened. Ergonomic shape of head and handles allow user to access difficult working areas and still keep a tight grip on the workpiece. The pliers have following functions: flat cutter on the tip of the head for use on cable ties; wire stripper 1.5 and 2.5mm<sup>2</sup> wire; diagonal cutter for medium hard wire (3.5mm<sup>2</sup>), hard wire (2.5mm<sup>2</sup>) and piano wire (2mm<sup>2</sup>); crimper for terminals 1.5 and 2.5mm<sup>2</sup>; pattress screw cutter for M3.5 and M4 screws and wire looping device on underside of pliers for looping wire for plug screws/ terminals. Display packed.



5902373

**5902373****12 Piece Metric Combination Spanner Set**

Generally in accordance with DIN3113 Specifications

With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents:  
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



5903746

**5903746****25 Piece 3/8" Sq. Dr. Metric Socket Set in Metal Case**

Manufactured and tested generally in accordance with DIN3122 and ISO3315 Specifications. Chrome vanadium steel hardened, tempered and satin chrome plated for corrosion protection. Sockets have knurled ring for extra grip. Packed in steel carrying case with laser cut foam insert and display sleeve.

Contents:  
17 6 point sockets size: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 and 24mm;  
2 6 point spark plug sockets size: 10 and 14mm;  
Reversible ratchet with soft grip handle and quick release button;  
2 wobble extension bars with hex. outer end size: 75 and 150mm;  
Tee bar head/1/2" (F) x 3/8" (M) converter;  
Universal joint;  
Bit holder 3/8" sq drive x 1/4" hexagon.  
Tee bar head/converter when used with extension bar forms a sliding tee bar.



5010116

**5010116****Electronic Refrigerant Scale**

Precise, easy to handle refrigerant scale for filling and evacuation processes with a maximal weight capacity of 120 kg.

Application advantages:

Weight capacity sufficient for all common refrigerant bottles. Simple use. Resolution of 5g enables very precise filling. Refrigerant bottles of all sizes have enough space. Large LCD display for comfortable reading of the result. Cable connection enables comfortable use in every situation. Bottle adaptor for connecting small refrigerant bottles (1 l and 2 l bottles).

Product weight: 3,28 kg

Battery: 9 V

Platform Size - Width: 230 mm. Height: 53 mm. Length: 230 mm



5010117

**5010117****Electronic Leak Detection Device for locating leaks in refrigeration systems (3 g/a)**

Durable and highly sensitive sensor tip with e leak detection rate of 3 g/a within 3 seconds. Simple determination of the refrigerant concentration. Adjustment of the sensor tips zero measurement point for simple detection of the leak. Exact and quick locating of the leak. Easy accessibility of even hard to reach leaks.



6200250

**6200250****Mobile Contractors 640mm Chest & 560mm Tool Box**

Tool chest and box in one unit on wheeled trolley with telescopic handle and kick plate. Each box is manufactured from tough durable plastic construction with steel locking latches. The chest has handles to facilitate lifting and rubber feet for protection. The tool box has a full size carrying handle and removable top organizer with 11 compartments. For safety when using the trolley, the tool chest and tool box can be locked together. Carton packed.

Configuration:

- tool box (external): 560 x 280 x 250mm
- tool box tote tray (internal): 515 x 225 x 50mm
- tool box organiser (external): 390 x 170 x 33mm
- chest (external): 640 x 400 x 445mm
- chest tote tray (internal): 559 x 290 x 90mm





5551434

**5551434****Two Channel Thermocouple Thermometer**

The thermometer allows the user to simultaneously use two type K thermocouple probes whilst displaying both current temperatures and the maximum and minimum recorded temperatures. Measures temperature over the range of -99.9 to 299.9 °C with a 0.1 °C resolution or 300 to 1372 °C with a 1 °C resolution. Features a large, easy to read LCD display with °C/°F, T1, T2, max/min, open circuit, low battery indication, programmable high/low audible alarm and a user selectable backlight. In normal use, battery life is 3000 hours, however this is reduced when the sound and backlight are used. The instrument is housed in an ergonomic, ABS case that includes 'Biomaster' additive which reduces bacterial growth. Waterproof housing offers IP67 protection. An integrated rubber seal ensures complete water resistance and helps reduce the possibility of damage in harsh environments. Audible alarm with variable volume control. Dimensions: 32 x 71 x 141mm.



5012087

**5012087****600 C/W One Temperature Sensor**

More than 70 refrigerants incl. R744 (sub-critical) are stored in the device. New refrigerants can be added later using the update function. Simultaneous calculation of superheat and subcool. The documentation software Data Viewer generates an automatic report based on the data recorded. Ideal for handing out to the customer (client).

Pressure display: bar, psi, Kpa, Mpa -  
Precision (at 22°C): ± 0,5 % fs -  
Battery capacity: 550 mAh  
Connection: 4x 1/4 SAE -  
Temperature display: °C, °F -  
Vacuum display: Micron, mbar, mmHg, Pa, mTorr -  
Battery: 9 V  
Screen size (Zoll): 4 1/3 Inch. Screen size (Zoll): 11 cm



5101346

**5101346****Multiscanner**

Most objects are found and application errors are avoided due to the automatic calibration. Reliable detection even of deep-lying objects - up to a depth of 12 cm. Even more reliable detection of objects due to 3 colour LED luminous ring. Pinpoint indication of the object's centre with the "Centre Finder" scale and display of material properties. Illuminated display. Marking hole with LED luminous ring. 3 detection modes for various applications: Drywall mode, metal mode, live cable mode. Detects: Ferrous metals, non-ferrous metals, wooden studs, live cables  
Max. detection depth: 120 mm  
Detection depth, steel, max.: 120 mm  
Detection depth, copper, max.: 80 mm  
Detection depth, live cables, max.: 50 mm  
Detection depth of wooden substructures, max.: 38 mm  
Automatic deactivation, approx: 5 min  
Power supply: 1 x 9 V 6LR61  
Weight, approx: 0.27kg  
Length: 200mm, Width: 85mm, Height: 32mm  
Dust and splash protection: IP 54

**Fold Flat A-Frame with Interchangeable Signs**

Fold flat A-frame sign supplied with 10 interchangeable signs (2 of each sign) in a storage case.

Size of fold flat sign: 61cm x 29cm



5210522

**5210522****Aluminium Torch**

Aluminium case with on/off button. The LEDs produces clear beam of 20 lumen light. Fitted with a focusing beam function. Uses 2 x AA size batteries (sold separately). Display packed.



5906215

**5906215****6 piece VDE Screwdriver Set**

Individually tested protective insulation 1,000 V AC, VDE and GS tested. Manufactured acc. to IEC 60900:2012. Blade made from high quality chrome-vanadium-molybdenum steel hardened with black finish. Protective insulation moulded directly onto the blade and completely integrated into the blade in the lower area. SoftFinish multi-component handle with roll-off protection. The integrated protective insulation enables low-lying fastening and spring elements to be reached and manipulated. Slim blades. Unique concept of screwdriver handle sizes for an optimum balance between torque and control.



5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg)



5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).



5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg). Wrist Measurement: S/M 5" (13cm) - 7" (18cm). Wrist Measurement: L/XL 7" (18cm) - 8 1/2" (22cm). Tether length: 7.5" / 19cm.





5551430

**5551430****Waterproof Surface Probe (Coiled Lead)**

This waterproof, ribbon surface probe incorporates a MPK moulded plug and utilises flat ribbon technology to ensure a fast, accurate response with minimal heat loss.

Response time less than 0.5 of a second.

Probe temperature range: -75 to 250°C

8 x 130mm



5551433

**5551433****Velcro Pipe Temperature Probe**

Velcro pipe temperature probe. This 500 mm wrap-around velcro pipe probe is suitable for medium and large pipe temperature measurement in the HVAC industry. Supplied with a two metre lead.

Response time: less than 20 seconds.

Probe temperature range: -10 to 100 °C.

Probe dimension: 20 x 500 mm



5902372

**5902372****250mm Adjustable Pipe Wrench**

Traditional pattern wrench. Handle drop forged hardened and tempered. Jaws additionally induction hardened to 55-60 HRC for durability and long life. Frame and handle electrostatically painted. Display packed.

Capacity: 40mm. Length: 250mm.



5902380

**5902380****450mm Adjustable Pipe Wrench**

Traditional pattern wrench. Handle drop forged hardened and tempered. Jaws additionally induction hardened to 55-60 HRC for durability and long life. Frame and handle electrostatically painted. Display packed.

Capacity: 65mm. Length: 450mm.



5010118

**5010118****3 Piece Pressure Hoses "Plus" (ball valve)  
R410a 5/16" SAE 60" for R410a**

Pressure hose from the series "Plus" with ball valve. Set of 3 - Red, Blue & Yellow. Length: 1500mm. No confusion and safe use with the colour coding. Teflon seal with up to 10 x longer service life compared to neoprene seal. Working pressure 60 bar / best pressure 300 bar.



5011184

**5011184****3 Piece Pressure Hoses "Plus" (ball valve)  
R22-R134A-R407C R404A.**

Pressure hose from the series "Plus" with ball valve. Set of 3 - Red, Blue & Yellow. Length: 1500mm x 1/4"SAE).

No confusion and safe use with the colour coding. Teflon seal with up to 10 x longer service life compared to neoprene seal. Working pressure 60 bar / best pressure 300 bar.



5902379

**5902379****600mm Adjustable Pipe Wrench**

Traditional pattern wrench. Handle drop forged hardened and tempered. Jaws additionally induction hardened to 55-60 HRC for durability and long life. Frame and handle electrostatically painted. Display packed.

Capacity: 75mm. Length: 600mm



5900506

**5900506****8 Piece Ball End Metric Hexagon Key Set**

Manufactured from hardened and tempered chrome vanadium steel. The ball end tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Fitted in pocket-size plastic storage holder with non-slip grip. Display packed.

Contents: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 8.0mm.



5550103

**5550103****Multimeter**

Automatically measures volts ac and volts dc with precise digital resolution. Displays resistance to 1000Ω. Easy and accurate OpenJaw™ current measurement. Continuity beeper. Compact design with neat probe storage. Rugged enough to withstand a 10 foot (3m) drop. Detachable SlimReach™ probe tips are customized for national electrical standards. Available in 600V and 1000V models. Auto off mode to conserve battery life. Optional holster attaches to a belt and neatly stows test leads.

All inputs are protected to CE, IEN61010-1 CAT III 600V.

**LO/TO Kit - Refrigeration / Air Conditioning Engineers**

LO/TO Kit - Refrigeration / Air Conditioning Engineers. Includes: Cable lockout with 2m vinyl coated steel cable. Adjustable gate valve lockout. Tag - double sided inspection/ caution (pkt 10). Tag - Single sided live equipment do not touch (pkt 10). Permanent marker pen for writing on tags. Carry bag for mobile kit. Red "De-Electric" insulated padlock keyed to differ.



5902574

**5902574****No. 2 1/4" Hexagon Cross Slot Titanium Nitride Coated Insert Bit 25mm Long x 5**

S2 steel hardened, tempered with titanium nitride finish. Supplied in 1, 2, 5 or 10's. Display packed.

Length: 25mm.

Quantity: 5

Size: No.2



5010104

**5010104****2 in 1 Soldering Iron and Gas Torch**

This free standing torch features instant electronic ignition, adjustable flame control, on/off gas switch, and a refillable tank. Soldering tip can also be used as a hot knife. One fill of standard butane lighter fuel will give up to 50 minutes (approx.) continuous work. Display packed.

**5551207****Voltage and Continuity Tester**

Two-pole voltage and continuity testers are built to work the way you work. They give you the best combination of safety, ease-of-use and fast answers available anywhere.

CAT IV 600 V, Cat III 690 V safety rating Fluke's family of Two-Pole Voltage testers comply with both regulation HSE GS 38 (tip caps) and IEC EN 61243-3: 2010.

4 ways to detect ac/dc voltage. A clear, instantly visible LED indicator, a bright digital display of the measurement value, an audible continuity test, and vibration to give tactile feedback.

Backlit graduated scale and backlit indicators.

Vibration provides tactile feedback. Vibration indicator.

Audio on/off for testing in quiet areas and low battery indicator.

Detects voltage even with discharged batteries.

Improved probe docking for secure storage.

Phase rotation indicator for 3-phase systems.

RCD functionality. Two-button controls allow you to draw more current from the circuit under test and intentionally trip Residual-Current Devices (RCDs) remotely.

Built in electric torch.

Single-phase voltage offers fast identification of live conductors.

Push-on probe tips, probe tip protector and storage accessory.

Probe tip protector and storage accessory. Tip protector serves as an extra hand when opening UK electrical safety outlets.

WearGuard™ insulation shows damage to test leads.

5551207

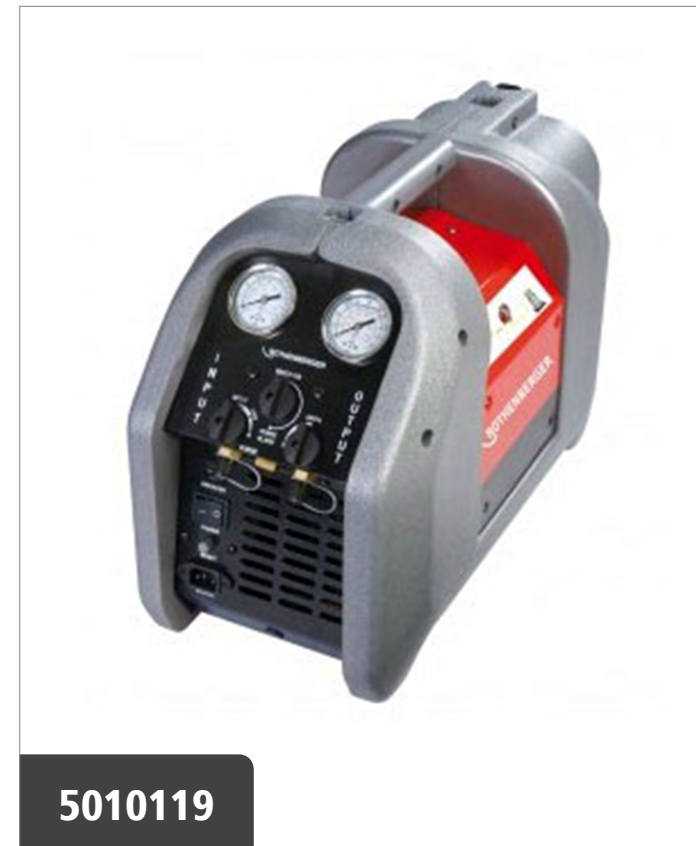
**5550179****376 True-rms AC/DC Clamp Meter with iFlex™**

CAT IV 600 V, CAT III 1000 V.

iFlex flexible current probe expands the measurement range to 2500 A ac. True-rms ac voltage and current for accurate measurements on non-linear signals. Min, max, average and inrush recording to capture variations automatically. Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings. Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it. Ergonomic design fits in your hand and can be used while wearing protective equipment. Large, easy to read backlight display automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement. Soft carrying case.

Safety conformance:  
EN/IEC 61010-1:2001; 1000V CAT III, 600V CAT IV.

5550179



5010119

**5010119****Refrigerant Portable Recovery Unit**

4-pole motor guarantees the durability of the machine

Low noise and vibration emission thanks to the compact design

Intuitive handling makes it simple and safe to use

Maintenance-free operation through the oil-free compressor

Emptying of the device in order to work with different refrigerants with the PURGE function

Simple transport and use with the light and compact plastic casing.

Suitable for: all refrigerants of the type CFC-HCFC-HFC

Capacity: gaseous: 0.26 kg / min  
fluid: 1.85 kg / min

Push/Pull: 6.22 kg / min

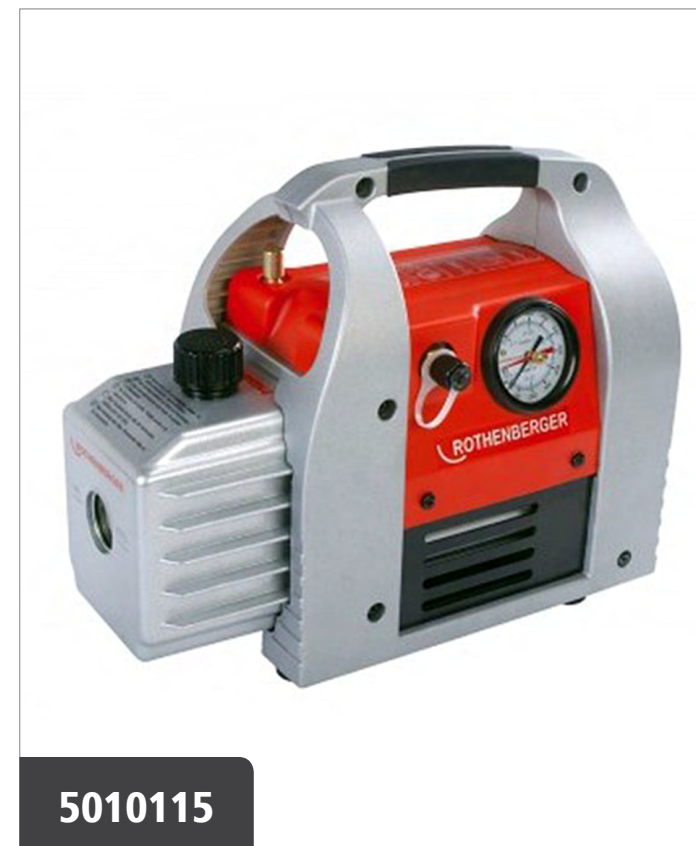
Electrical Data: 230 V / 50 - 60Hz

Power: 370 W

High pressure switch: 38.5 bar

Dimensions: 500 x 220 x 340 mm

Weight: 17 kg



5010115

**5010115****Refrigerant Vac Pump**

Two-stage rotary vane pump for evacuation in accordance. For evacuation according to DIN 8975 with vacuum gauge and solenoid check valve.

Solenoid check valve to protect the refrigeration system from oil contamination during power outage. Vacuum gauge with integrated drag indicator enables simple and quick control of the evacuation process. Protects the integrated components with the light and high quality casing. Gas ballast valve for reduction of water vapour in the oil container. Special filter reduces oil mist an exhaust vent. Gauge-glass enables easy oil-stand monitoring. Fast filling of oil without spilling, no special funnel is necessary. Easy access to the oil drain plug makes emptying quick. Thermal switch protects the unit from the motor overheating. Standard 1/4" SAE connection, as well as 5/16" SAE and 3/8" SAE adaptor included in delivery. Removable cable prevents cable damage.





5550101

**5550101****Voltage And Magnetic Indicator**

The Voltage & Magnetic Indicator detects the presence and polarity of magnetic fields produced by indicators, relays, solenoids and transformers. The integral self-test activates the sensor in the tip of the tester at 50Hz as well as checking the battery and LED. This proves that the unit is fully functional and avoids the need for a separate proving unit. Versatile instrument in a slim and ergonomic ABS housing.

Voltage Range: 100-600V

Frequency Range: 50Hz to 50kHz

Integrated self test proving function sensitivity: Registers at 3mm for 100V, 50Hz, 23mm for 240V, 50Hz (distances are from the tip of the unit to a flat PVC twin core and earth cable suspended in free space)

Visual Indication: Red LED

Audible Indication: 2kHz tone

Magnetic field range: +/- 10mT, 0 - 50kHz

Magnetic Indication- North Pole: Red LED

Magnetic Indication - South Pole: Green LED

Operating temperature: 0°C to 50°C

Overvoltage: CAT III 1000V, CAT IV 600V

Supply: 9V alkaline battery, MN1604 or equivalent

Housing: Flame retardant ABS

Dimensions: 202 X 32 X 22mm

Weight: 150g approx (excluding battery)



5101376

**5101376****GSB18V-LI Combi Drill (1 x 4.0 AH Battery with L-Boxx)**

The GSB18V-LI cordless combi drills boast shortest head length, longest runtime and fastest speed in class. With the innovative COOLpack batteries and a newly developed 4-pole motor providing high power, 18+1 clutch settings, variable speed trigger, LED light and 13mm chuck these are a great choice of mid-range professional power drill.

The shortest 18 volt long-distance runner with impact drilling function. Extremely compact due to shortest design (only 195 mm) in its class and low weight (only 1.8 kg) for perfect handling.

Integrated impact drilling function for drilling in masonry up to 13 mm. 13-mm Auto-Lock drill chuck.

Unique Bosch Premium lithium-ion technology for 400% longer lifetime and unbeatable battery runtime.

Innovative COOLpack batteries ensure optimum heat dissipation and therefore increase lifetime by up to 100% (cf. Li-Ion batteries without COOLpack).

Bosch Electronic Cell Protection (ECP): protects the battery against overload, overheating and deep discharge.

Integrated LED light for illuminating the work area, even in dark places. Motor brake for precise work when driving rows of screws.

Practical belt clip for conveniently hanging the tool on a belt or ladder.

Ergonomically shaped handle with slim circumference and softgrip covering for low-fatigue working.

Comes with:

1 x 4.0Ah li-ion battery

45 minute charger

**OPTIONAL EXTRA  
Not Included in Toolkit****5551209****Infrared and Contact Thermometer**

Two-in-one IR and contact thermometers with an innovative dot matrix display.

With a simple, 3-button on-screen menu interface (in 6 languages) the Fluke 568 and 566 digital laser thermometers make even complex measurements easy. Quickly navigate advanced features to adjust emissivity, start data logging, or turn on and off alarms - with just a few pushes of a button.

With a rugged, easy-to-use, ergonomic design, the thermometer two-in-one contact and non contact thermometers can stand up to tough industrial, electrical, and mechanical environments. These tools go beyond other IR thermometers (or pyrometers), helping you work more efficiently in more applications.

Easily trend and analyze data with included FlukeView® Forms software.

Quickly download stored data with USB connection.

See your data right away without leaving the site, using the USB and your laptop.

Extend your battery life by powering the digital thermometer from your laptop via the USB.



5550160

**5550160****HVAC Multimeter**

Compact true-rms meter for HVAC (heating ventilation air conditioning) troubleshooting. The Fluke 116 was specifically designed for the HVAC professional. It has everything needed in an HVAC meter including temperature and microamp measurements to quickly troubleshoot problems with HVAC equipment and flame sensors.

Measures temperature, microamps and more.

LoZ function prevents false readings due to ghost voltage.

Built-in thermometer for HVAC applications.

Engineered by Fluke, with a three-year warranty.

Built-in thermometer for HVAC applications.

Microamps to test flame sensors.

Low input impedance: helps prevent false readings due to ghost voltage.

Large white LED backlight to work in poorly lit areas.

Resistance, continuity, frequency and capacitance.

Min/Max/Average with elapsed time to record signal fluctuations.

Compact ergonomic design for one-handed operation.

Compatible with optional magnetic hanger (ToolPak™).

CAT III 600 V safety rated.



5551209





5551215

**5551215****690V AC/DC Proving Unit**

Essential for proving circuits are dead before commencing work. The high output will drive low impedance testers such as traditional test lamps as well as modern two pole testers - the one to have to be confident that it will work with your tester. It even steps down through the voltage stages to prove each stage as well.

**Key Benefits:**

High output will drive even the most high current voltage detector.  
Instant ramp up and then step down will prove several voltage levels.

**Key Features:**

Essential for proving that circuits are not live when working on electrical circuits.

**Includes:**

Built in test leads  
Batteries  
Instruction manual  
Certificate of Conformity

# GAS TOOLKIT



5551339

**5551339****Two Pole Voltage Detector**

Dedicated two pole voltage tester ideal for use with safe isolation procedures. 12 - 50 - 120 - 230 - 400V AC/DC voltage detection. Retractable probe shrouds.

**Key Features:**

Five voltage ranges.  
Compact design encourages safe site use.  
No batteries required.  
Separate lamps indicate AC or DC with polarity.  
Retractable probe sleeve.  
Permanent GS38 compliance.  
BSEN 61243-3: 20110.  
EN61010 CATIV 600V.  
BSEN 613 26-1:2010.  
Double insulated leads 1.4m long.  
Dual LEDs for each voltage level indication.  
Ergonomic design is comfortable to hold and suitable for use with gauntlets / PPE equipment.

**Weights & Dimensions:**

Boxed Weight: 212g  
Boxed Dimensions: 83(W) x 317(H) x 40(D)mm



6202048

**6202048****Technicians Toolbag**

Technicians toolbag. Bag can be fully opened with zip, multiple pockets for hand tools, laptop and documents, plenty of room for additional equipment, suitable for all common laptops, tool side bag, can be removed and used separately.

Dimensions: 47 x 35 x 22cm.



6800158

**6800158****300mm Hacksaw Frame and Blade**

Traditional pattern with an adjustable chrome plated tubular frame for 300mm blades. Frame has two sets of blade spigots which allows straight or 45° cutting. Can be used as a rod saw. Enamelled aluminium handle. Supplied with a 300mm HSS blade. Display packed.



5904616

**5904616****Tool Lanyard**

Tubular nylon webbing surrounding and elasticated cord. Lock stitching at both ends gives extra security. Barrel lock for tool attachment. Extends From 35" to 42" (.89mtr - 1.1mtr) Maximum safe working capacity 10 lbs. (4.55kg)



6200241

**6200241****16 Pocket Tool Pouch**

Heavy duty nylon tool pouch, comprising 16 pouches of varying sizes, hammer loop, measuring tape clasp and chain. Supplied with 50mm wide adjustable webbing belt. Display carton.



5210450

**5210450****10W 800 Lumen COB LED Rechargeable Worklamp**

Manufactured to IP65 Specifications. Produces a ultra-bright light output 10W = 800 lumens. The much improved battery life is due to the internal Li-ion battery and low energy COB LED consumption. The case is manufactured from IP65 rated aluminium. Due to COB LED technology the unit produces very little heat making it ideal for use in confined spaces. Display packed.



5906124

**5906124****Wrist Tool Lanyard**

Black wrist tool lanyard. Polyester webbing cuff secures to wrist. Ribbed pull cord. Adjustable barrel lock for tool attachment. Maximum safe working capacity: 2 lbs. (0.9 kg). Wrist Measurement: S/M 5" (13cm) – 7" (18cm). Wrist Measurement: L/XL 7" (18cm) – 8 1/2" (22cm). Tether length: 7.5" / 19cm.



5210260

**5210260****LED Head Torch**

Super bright, energy efficient, patent pending technology. High quality components. Water resistant. 175 lumens 6 x LED. 56m beam. Angle adjustable. Long battery life (up to 200 hours).



5902390

**5902390****Imperial Hexagon and Ball End Hexagon Key Set**

Hexagon keys with ball end on the long arm and conventional ends on short arm. The ball type hexagon tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Blades manufactured from chrome vanadium steel hardened and tempered with a chemically blacked finish. Supplied in fold-out easy release holder which can be wall-mounted. Display packed. Quantity: 12 piece set.

Contents:

1/16, 5/64, 7/64, 9/64, 5/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8".



5550111

**5550111****230V 13A RCD Adapter**

Tested to BS 1363 and IEC 61540. For use in domestic and industrial premises where RCD protection is required. Has reset and test facility. Can be plugged into standard 13A socket. Display packed. Rated voltage: 230 - 250V/AC. Load: 3120W (max.). Maximum operating current: 13A. Rated trip current: 30mA. Trip speed: 30mS (typical). Double pole RCD contact break.

**Fold Flat A-Frame with Interchangeable Signs**

Fold flat A-frame sign supplied with 10 interchangeable signs (2 of each sign) in a storage case.

Size of fold flat sign: 61cm x 29cm





5903746

**5903746****25 Piece 3/8" Sq. Dr. Metric Socket Set in Metal Case**

Manufactured and tested generally in accordance with DIN3122 and ISO3315 Specifications.

Chrome vanadium steel hardened, tempered and satin chrome plated for corrosion protection. Sockets have knurled ring for extra grip. Packed in steel carrying case with laser cut foam insert and display sleeve.

## Contents:

17 6 point sockets size: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 and 24mm;

2 6 point spark plug sockets size: 10 and 14mm;

Reversible ratchet with soft grip handle and quick release button;  
2 wobble extension bars with hex. outer end size: 75 and 150mm;

Tee bar head/1/2" (F) x 3/8" (M) converter;

Universal joint;

Bit holder 3/8" sq drive x 1/4" hexagon.

Tee bar head/converter when used with extension bar forms a sliding tee bar.



5550101

**5550101****Voltage And Magnetic Indicator**

The Voltage & Magnetic Indicator detects the presence and polarity of magnetic fields produced by indicators, relays, solenoids and transformers. The integral self-test activates the sensor in the tip of the tester at 50Hz as well as checking the battery and LED. This proves that the unit is fully functional and avoids the need for a separate proving unit. Versatile instrument in a slim and ergonomic ABS housing.

Voltage Range: 100-600V

Frequency Range: 50Hz to 50kHz

Integrated self test proving function sensitivity: Registers at 3mm for 100V, 50Hz, 23mm for 240V, 50Hz (distances are from the tip of the unit to a flat PVC twin core and earth cable suspended in free space)

Visual Indication: Red LED

Audible Indication: 2kHz tone

Magnetic field range: +/- 10mT, 0 - 50kHz

Magnetic Indication- North Pole: Red LED

Magnetic Indication - South Pole: Green LED

Operating temperature: 0°C to 50°C

Overvoltage: CAT III 1000V, CAT IV 600V

Supply: 9V alkaline battery, MN1604 or equivalent

Housing: Flame retardant ABS

Dimensions: 202 X 32 X 22mm

Weight: 150g approx (excluding battery)



5901162

**5901162****Flexible Head Ratcheting Combination Spanner Set**

Open end set at 15°. The HI-TORQ® flexible head allows movement through 180°. Only 5° movement required to turn fastener, especially useful in confined spaces. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Display packed. 7 piece set.

Contents: 10, 12, 13, 14, 15, 17 and 19mm



5902574

**5902574****No. 2 1/4" Hexagon Cross Slot Titanium Nitride Coated Insert Bit 25mm Long x 5**

S2 steel hardened, tempered with titanium nitride finish. Supplied in 1, 2, 5 or 10's. Display packed.

Length: 25mm.

Quantity: 5

Size: No.2



5902373

**5902373****12 Piece Metric Combination Spanner Set**

Generally in accordance with DIN3113 Specifications.

With HI-TORQ® deep offset pattern ring end. Open end set at 15°. Forged from chrome vanadium steel, hardened, tempered, chrome plated and fully polished throughout. Supplied on wall mountable plastic rack. Display packed.

Contents: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19 and 22mm.



5900506

**5900506****8 Piece Ball End Metric Hexagon Key Set**

Manufactured from hardened and tempered chrome vanadium steel. The ball end tip allows the hexagon key to be used up to 30° angle from the screwhead recess. Fitted in pocket-size plastic storage holder with non-slip grip. Display packed.

Contents: 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0 and 8.0mm.



5101377

**5101377****4 Piece Robust Line Multi Construction Drill Bit Set**

Suitable for practically all materials in interior fitting work, e.g. concrete, masonry, brick, Eternit, light building materials, multi-layer materials, ceramics and tiles, wood, plastic, structural steel, metal plates and aluminium. Perfect results when drilling with or without impact. Drill bit colour: blue, polished. Includes: 5.5mm x 85mm overall. 6.0mm x 100mm overall. 7.0mm x 100mm overall & 8.0mm x 120mm overall.



5902361

**5902361****11 Piece Imperial Combination Spanner Set**

Manufactured in accordance with DIN3113.

Forged from chrome vanadium steel hardened, tempered and chrome plated for corrosion protection. HI-TORQ® ring end offset at 15°. Jaw offset at 15°. Supplied in vinyl divided wallet with tie cord. Display carton.

1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16 and 7/8" AF



6200250

**6200250****Mobile Contractors 640mm Chest & 560mm Tool Box**

Tool chest and box in one unit on wheeled trolley with telescopic handle and kick plate. Each box is manufactured from tough durable plastic construction with steel locking latches. The chest has handles to facilitate lifting and rubber feet for protection. The tool box has a full size carrying handle and removable top organizer with 11 compartments. For safety when using the trolley, the tool chest and tool box can be locked together. Carton packed.

## Configuration:

- tool box (external): 560 x 280 x 250mm
- tool box tote tray (internal): 515 x 225 x 50mm
- tool box organiser (external): 390 x 170 x 33mm
- chest (external): 640 x 400 x 445mm
- chest tote tray (internal): 559 x 290 x 90mm



5101376

**5101376****GSB18V-LI Combi Drill (1 x 4.0 AH Battery with L-Boxx)**

The GSB18V-LI cordless combi drills boast shortest head length, longest runtime and fastest speed in class. With the innovative COOLpack batteries and a newly developed 4-pole motor providing high power, 18+1 clutch settings, variable speed trigger, LED light and 13mm chuck these are a great choice of mid-range professional power drill.

The shortest 18 volt long-distance runner with impact drilling function. Extremely compact due to shortest design (only 195 mm) in its class and low weight (only 1.8 kg) for perfect handling. Integrated impact drilling function for drilling in masonry up to 13 mm. 13-mm Auto-Lock drill chuck.

Unique Bosch Premium lithium-ion technology for 400% longer lifetime and unbeatable battery runtime.

Innovative COOLpack batteries ensure optimum heat dissipation and therefore increase lifetime by up to 100% (cf. Li-Ion batteries without COOLpack).

Bosch Electronic Cell Protection (ECP): protects the battery against overload, overheating and deep discharge.

Integrated LED light for illuminating the work area, even in dark places.

Motor brake for precise work when driving rows of screws.

Practical belt clip for conveniently hanging the tool on a belt or ladder.

Ergonomically shaped handle with slim circumference and softgrip covering for low-fatigue working.

Comes with:  
1 x 4.0Ah li-ion battery  
45 minute charger



5903204

**5903204****185mm Ergo Plus® Fully Insulated VDE Pliers**

Manufactured to DIN Standard and individually certified to EN 60900

Special steel hardened and tempered with cutting edges separately induction hardened. Ergonomic shape of head and handles allow user to access difficult working areas and still keep a tight grip on the workpiece. The pliers have following functions: flat cutter on the tip of the head for use on cable ties; wire stripper 1.5 and 2.5mm<sup>2</sup> wire; diagonal cutter for medium hard wire (3.5mm<sup>2</sup>), hard wire (2.5mm<sup>2</sup>) and piano wire (2mm<sup>2</sup>); crimper for terminals 1.5 and 2.5mm<sup>2</sup>; pattress screw cutter for M3.5 and M4 screws and wire looping device on underside of pliers for looping wire for plug screws/terminals. Display packed.



5011799

**5011799****SPK Water Pump Plier 10"**

Complies with DIN 5231 D, with heavy-duty box joint, chrome vanadium steel, drop forged, tempered, polished head and joint. Increased safety: Plastic covered handles. Ideal for hard-to-reach places with the longer, thinner pliers head with measurements favourable for corners. Optimum grip for reliable hold of pipes, flat objects, squared and hexagonal screws. Long service life through induction hardened teeth. Variable use: 7 size settings. Non-slip even on smooth surfaces. Safe use with the crush and pinch protection. Product weight: 315 g. Product length: 250 mm. Product length: 10 Inch. Pipe diameter (up to): 43 mm. Pipe diameter (up to): 1.1/4 Inch.



6700152

**6700152****25M 230V Four Socket Extension Reel with Integral Carrying Handle**

Complies with BS1363A and EN61242 Specifications

Robust, easy wind action with integral hand grip and four childproof socket outlets, gated for safety. Robust plastic case with easy wind handle. Fitted with thermal cut out switch. 1.25mm<sup>2</sup> cable, maximum load 13A\*. Fitted with approved plug. Sold loose.

\*Maximum load fully unwound. If the extension cable is used not fully unwound then the max. load is reduced to 5A.





5011756

**5011756****Aluminium Pipe Wrench 10"**

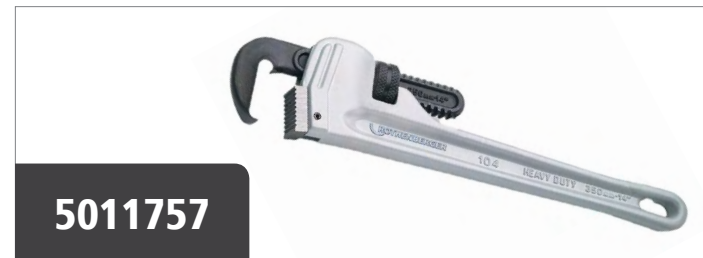
Features similar to HEAVY DUTY.

Weight savings of approx. 40%: extremely light, high strength aluminium alloy. Wearing parts replaceable: hook and heel jaw can be purchased separately.

Diameter: 48 mm. Diameter: 1.1/2 Inch

Product weight: 0,48 kg

Length: 250 mm. Length: 10 Inch



5011757

**5011757****Aluminium Pipe Wrench 14"**

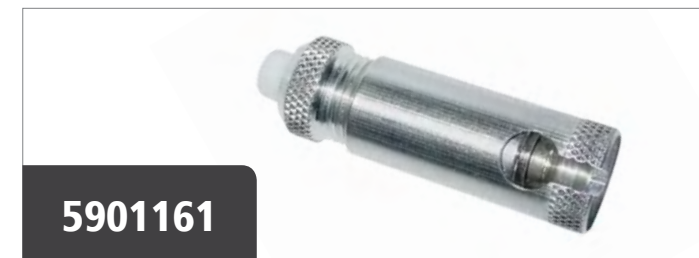
Features similar to HEAVY DUTY.

Weight savings of approx. 40%: extremely light, high strength aluminium alloy. Wearing parts replaceable: hook and heel jaw can be purchased separately.

Diameter: 60 mm. Diameter: 2 Inch

Product weight: 0,99 kg

Length: 350 mm. Length: 14 Inch

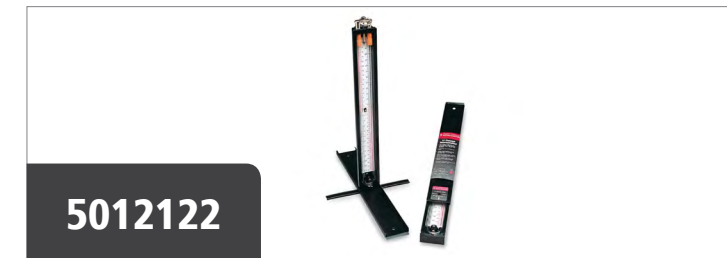


5901161

**5901161****Thermocouple Tester**

Used for testing the correct operation of thermocouples.

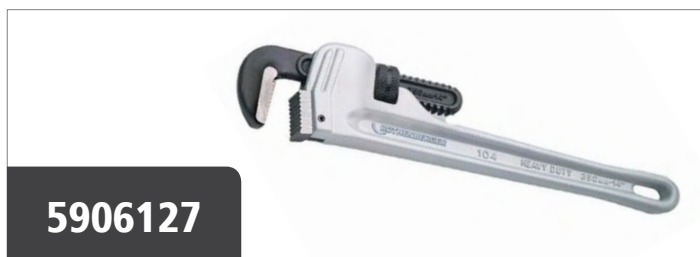
The thermocouple to be tested is assembled into the unit and the tip heated whilst depressing the white button. If the thermocouple is functioning correctly the plunger will remain depressed for approx. 20/30 seconds, simulating the operation of a gas valve.



5012122

**5012122****12" U-Gauge Manometer with Glass Tube**

12" U-Gauge Manometer with Glass Tube



5906127

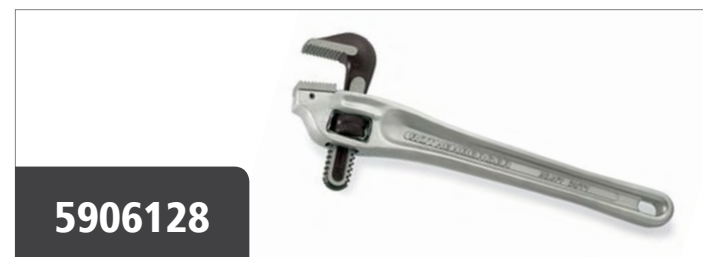
**5906127****18" Aluminium Pipe Wrench**

Weight savings of approx. 40%: extremely light, high strength aluminium alloy. Wearing parts replaceable: hook and heel jaw can be purchased separately.

Diameter: 73 mm. Diameter: 2.1/2 Inch.

Product Weight: 1,63 kg.

Length: 450 mm. Length: 18 Inch



5906128

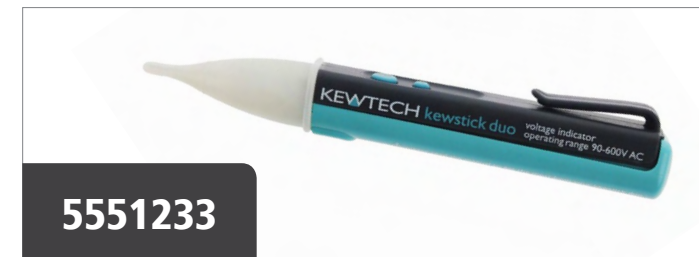
**5906128****14" Aluminium Offset Pipe Wrench**

Weight savings of approx. 40%: extremely light, high strength aluminium alloy.

Diameter: 60 mm. Diameter: 2 Inch.

Product weight: 890g.

Length: 350 mm. Length: 14 Inch



5551233

**5551233****Duo Voltage Detector**

Clearly detects 90 - 600 volts AC without metal contact. Two colour LEDs - Green for correct working and Red for Voltage detection. Two tone buzzer, one for correct working and one for voltage detection. Pocket-size for handy use anywhere. Low power consumption circuits means long life batteries. Cat IV rated.

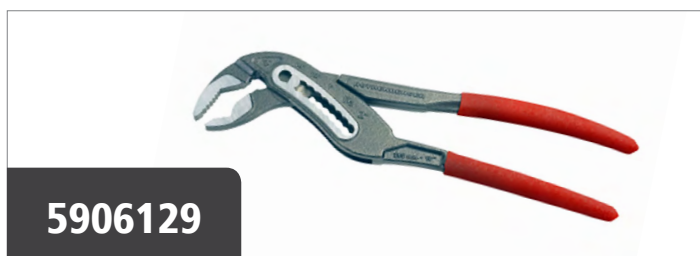


6800139

**6800139****Bi-Metal Hacksaw Blades**

Conforms to BS 1919

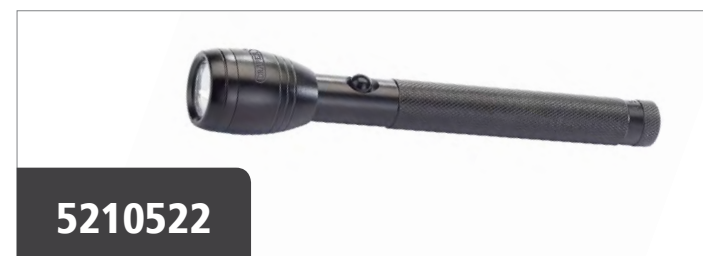
10 x 300mm 24tpi bi-metal hacksaw blades. Saw edge, manufactured from high speed steel strip, electron beam welded to high quality carbon steel backing. Display packed ten blades per card. Pitch: 24.



5906129

**5906129****Water Pump Plier**

30% more gripping capacity: 10" pliers up to 2" pipe diameters. 3-point handle: reliable clamping and perfect grip up to the maximal pipe diameter. Wide handles for more comfort and better power transmission. 10 point size adjustments.



5210522

**5210522****Aluminium Torch**

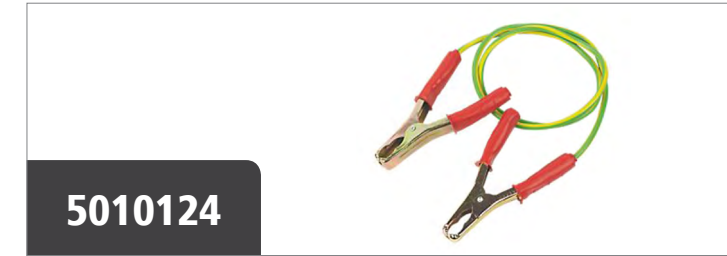
Aluminium case with on/off button. The LEDs produces clear beam of 20 lumen light. Fitted with a focusing beam function. Uses 2 x AA size batteries (sold separately). Display packed.



5120111

**5120111****NRV200-21 Red Vacuum Cleaner**

The NRV200-21 Commercial version of Henry has all the many features of the Henry design with full professional power and performance. It has the addition of an extended commercial 12.5 metre cable, a skirt around the larger front castors, a powerful 580w motor and a lighter aluminium wand set the NA1 Kit.



5010124

**5010124****120cm Continuity Bond with Crocodile Clips**

120cm Continuity Bond with Crocodile Clips



5950817

### 5950817 Emergency Pipe Repair Tool 22mm

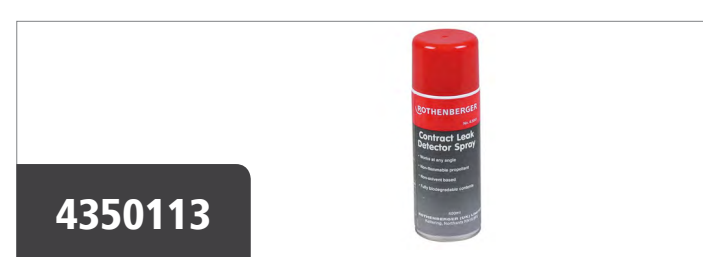
Emergency Pipe Repair Tool 22mm. Unique and simple Patented device. It provides a quick and professional temporary repair for burst or accidentally perforated water pipes. Single handed operation. Can accommodate split pipes and some fittings. Perfect for frost damaged or accidentally perforated water pipes. Pipe diameter: 22 mm



5601163

### 5601163 Emergency Pipe Repair Tool 15mm

Emergency Pipe Repair Tool 15mm. Instant temporary repair clamp. Unique and simple Patented device. It provides a quick and professional temporary repair for burst or accidentally perforated water pipes. Easy closing action. Single hand operation. Perfect for frost damaged or accidentally perforated water pipes. Can accommodate split pipes and some fittings. Pipe diameter: 15 mm.



4350113

### 4350113 Contract Leak Detector Spray (400ml)

Safe on paintwork, metals, plastics, clothing and wood. Works at any angle. Non-flammable propellant. Non-solvent based, non irritant. Fully biodegradable contents. Product height: 235 mm. Diameter: 63 mm. Product weight: 0.513 kg. Contents: 400 ml.

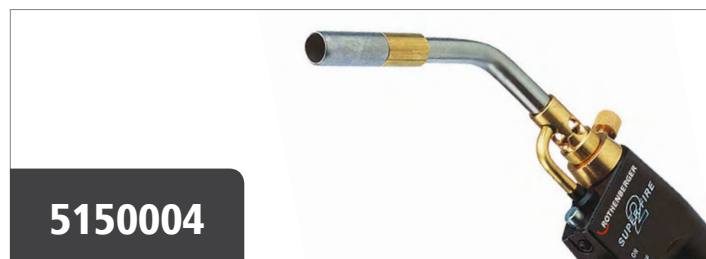


5150010

### 5150010 Supermat - High Temperature Soldering Mat

Supermat - High Temperature Soldering Mat. Vermiculite coating. Protects up to 1260°C. Ecomab® class '0' infill contains no asbestos. Made in UK. Wipe clean back panel.

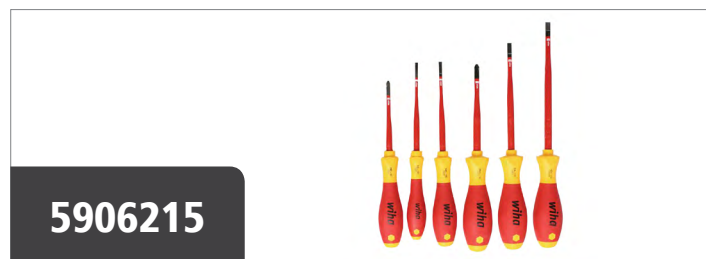
Product height:400 mm. Product width:200 mm. Product length: 20 mm. Product weight: 0.2 kg.



5150004

### 5150004 Super Fire 2 Torch Only

Application Areas: Super Fire 2 Torch. Concentrated, high heat, anti flare, adjustable flame. Turbine flame pattern. Instant Piezo ignition. Can be used at any angle. Use with any MAP/PRO or Propane disposable cylinders.



5906215

### 5906215 6 piece VDE Screwdriver Set

Individually tested protective insulation 1,000 V AC, VDE and GS tested. Manufactured acc. to IEC 60900:2012. Blade made from high quality chrome-vanadium-molybdenum steel hardened with black finish. Protective insulation moulded directly onto the blade and completely integrated into the blade in the lower area. SoftFinish multi-component handle with roll-off protection. The integrated protective insulation enables low-lying fastening and spring elements to be reached and manipulated. Slim blades. Unique concept of screwdriver handle sizes for an optimum balance between torque and control.



5012174

### 5012174 Tape - Gas Identification (38mm x 33m)

Tape - Gas Identification (38mm x 33m)



5012189

### 5012189 PTFE Gas Tape

PTFE Gas Tape developed especially for the gas industry. 33% thicker than standard PTFE tapes. Conforms to BSEN751/1/2/3 Type gases. Can be used on natural gas, town gas and LPG. Product width:12.7 mm. Length:30 M. Pack of 5 rolls.



### Danger Safety Warning Sticker Gas Safe

Danger Safety Warning Sticker Gas Safe  
Size: 150 x 141mm



### LO/TO Kit - Gas Engineers

LO/TO Kit for Gas Engineers.

Includes:

Cable lockout with 2m vinyl coated steel cable, adjustable gate valve lockout, Tag 4 double sided - Immediate Danger (pkt 10), Tag 5 double sided - At Risk (pkt 10), permanent marker pen for writing on tags, mobile gas loto kit bag black, 2 x red "de-electric" insulated padlock keyed to differ.



5010126

### 5010126 Standard Smoke Pellets (Tub 50 / 13g)

Standard Smoke Pellets (Tub 50 / 13g)



5010129

### 5010129 Encapsulated Smoke Pellets (Tub 10 / 5g)

Encapsulated Smoke Pellets (Tub 10 / 5g)





5101346

**5101346****Multiscanner**

Most objects are found and application errors are avoided due to the automatic calibration. Reliable detection even of deep-lying objects - up to a depth of 12 cm. Even more reliable detection of objects due to 3-colour LED luminous ring. Pinpoint indication of the object's centre with the "Centre Finder" scale and display of material properties. Illuminated display. Marking hole with LED luminous ring. 3 detection modes for various applications: Drywall mode, metal mode, live cable mode. Detects: Ferrous metals, non-ferrous metals, wooden studs, live cables. Max. detection depth: 120 mm  
 Detection depth, steel, max.: 120 mm  
 Detection depth, copper, max.: 80 mm  
 Detection depth, live cables, max.: 50 mm  
 Detection depth of wooden substructures, max.: 38 mm  
 Automatic deactivation, approx: 5 min  
 Power supply: 1 x 9 V 6LR61  
 Weight, approx: 0.27kg. Length: 200mm. Width: 85mm. Height: 32mm  
 Dust and splash protection: IP 54



5500116

**5500116****Contact Vane Anemometer**

Compact vane anemometer with integrated NTC air thermometer, including protection cap, batteries and calibration protocol, wrist strap, belt holder and protective cap. Flow velocity measuring instrument with temperature measurement. Integrated measurement with 40 mm vane. Timed mean value calculation. Hold function and max./min. values. Windchill calculation for outside areas (perceived temperature). Display illumination. Weight: 110 g.  
 Battery type: 2 batteries Type AAA. Battery life: 100 h  
 Dimensions: 133 x 46 x 25 mm



5500106

**5500106****Differential Pressure Meter (with 2 x connection hoses)**

Ideally suitable for pressure measurements in the range 0 to 100 hPa, and is temperature-compensated for accurate readings. Display in Pascal possible over entire measurement range. Magnetic rear permits free-hand work. Accuracy:  $\pm 0.03$  mbar (0 to 0.30 mbar) /  $\pm 0.05$  mbar (0.31 to 1.00 mbar). Flow velocity measurement with Pitot tube (Pitot tube not included in delivery). Air density compensation. Including wrist strap, belt holder, protection cap and calibration protocol. Backlit display. Switchable units: hPa, mbar, Pa mmH<sub>2</sub>O, mmHg, inH<sub>2</sub>O, inHg, psi, m/s, fpm. Battery life: 50 h. Weight: 90g. Dimensions: 119 x 46 x 25 mm.



5551339

**5551339****Two Pole Voltage Detector**

Dedicated two pole voltage tester ideal for use with safe isolation procedures. 12 - 50 - 120 - 230 - 400V AC/DC voltage detection. Retractable probe shrouds.

**Key Features:**

- Five voltage ranges.
- Compact design encourages safe site use.
- No batteries required.
- Separate lamps indicate AC or DC with polarity.
- Retractable probe sleeve.
- Permanent GS38 compliance.
- BSEN 61243-3: 20110.
- EN61010 CATIV 600V.
- BSEN 613 26-1:2010.
- Double insulated leads 1.4m long.
- Dual LEDs for each voltage level indication.
- Ergonomic design is comfortable to hold and suitable for use with gauntlets / PPE equipment.

**Weights & Dimensions:**

Boxed Weight: 212g  
 Boxed Dimensions: 83(W) x 317(H) x 40(D)mm



5551215

**5551215****690V AC/DC Proving Unit**

Essential for proving circuits are dead before commencing work. The high output will drive low impedance testers such as traditional test lamps as well as modern two pole testers - the one to have to be confident that it will work with your tester. It even steps down through the voltage stages to prove each stage as well.

**Key Benefits:**

- High output will drive even the most high current voltage detector.
- Instant ramp up and then step down will prove several voltage levels.

**Key Features:**

- Essential for proving that circuits are not live when working on electrical circuits.

**Includes:**

- Built in test leads
- Batteries
- Instruction manual
- Certificate of Conformity



5550160

### 5550160 HVAC Multimeter

Compact true-rms meter for HVAC (heating ventilation air conditioning) troubleshooting. The Fluke 116 was specifically designed for the HVAC professional. It has everything needed in an HVAC meter including temperature and microamp measurements to quickly troubleshoot problems with HVAC equipment and flame sensors.

Measures temperature, microamps and more.  
LoZ function prevents false readings due to ghost voltage.  
Built-in thermometer for HVAC applications.  
Engineered by Fluke, with a three-year warranty.

Built-in thermometer for HVAC applications.  
Microamps to test flame sensors.  
Low input impedance: helps prevent false readings due to ghost voltage.  
Large white LED backlight to work in poorly lit areas.  
Resistance, continuity, frequency and capacitance.  
Min/Max/Average with elapsed time to record signal fluctuations.  
Compact ergonomic design for one-handed operation.  
Compatible with optional magnetic hanger (ToolPak™).  
CAT III 600 V safety rated.



5551207

### 5551207 Voltage and Continuity Tester

Two-pole voltage and continuity testers are built to work the way you work. They give you the best combination of safety, ease-of-use and fast answers available anywhere.

CAT IV 600 V, Cat III 690 V safety rating Fluke's family of Two-Pole Voltage testers comply with both regulation HSE GS 38 (tip caps) and IEC EN 61243-3: 2010.

4 ways to detect ac/dc voltage. A clear, instantly visible LED indicator, a bright digital display of the measurement value, an audible continuity test, and vibration to give tactile feedback.

Backlit graduated scale and backlit indicators.

Vibration provides tactile feedback. Vibration indicator.

Audio on/off for testing in quiet areas and low battery indicator.

Detects voltage even with discharged batteries.

Improved probe docking for secure storage.

Phase rotation indicator for 3-phase systems.

RCD functionality. Two-button controls allow you to draw more current from the circuit under test and intentionally trip Residual-Current Devices (RCDs) remotely.

Built in electric torch.

Single-phase voltage offers fast identification of live conductors.

Push-on probe tips, probe tip protector and storage accessory.

Probe tip protector and storage accessory. Tip protector serves as an extra hand when opening UK electrical safety outlets.

WearGuard™ insulation shows damage to test leads.



### ETI Therna Waterproof Thermometer & Type K Waterproof Surface Probe

The Therna Waterproof thermometer is housed in a robust waterproof black ABS case which offers IP66/67 protection. The thermometer utilises state of the art electronic circuitry, designed for reliability and ease of use and can be submerged or washed under a running tap - ideal for industrial applications.

The Therna Waterproof thermometer measures temperature over the range of -99.9 to 299.9 °C with a 0.1 °C resolution, auto-ranging to 1 °C resolution over the range of 300 to 1372 °C. The Therna Waterproof features a large easy to read, LCD display with max/min, hold, open circuit, low battery indication and an optional backlight. The unit also incorporates an auto-power off facility that automatically turns the instrument off after ten minutes, maximising battery life. Each thermometer is housed in a durable, ABS case that incorporates an integrated rubber seal to ensure complete water tightness and help reduce the possibility of damage in harsh environments.

Specification:

Range: -99.9 to 299.9°C (at 0.1°C), 300 to 1372°C (at 1°C)

Resolution: 0.1 °C to 299.9°C thereafter 1°C

Accuracy: ±0.4°C ±0.1% of reading

Battery: 3 x 1.5 volt AAA. Battery life: minimum 5 years (10000 hours)

Sensor type: K thermocouple

Display: 15mm LCD. Backlight: Yes

Dimensions: 32 x 71 x 141mm. Weight: 220 grams

Case material: ABS plastic with Biomaster anti-bacterial additive

Country of manufacture: United Kingdom

Guarantee: two years

Water/dust resistance: IP66/67 protection

Measurement scale: Celsius

### 5550179 376 True-rms AC/DC Clamp Meter with iFlex™ CAT IV 600 V, CAT III 1000 V.

iFlex flexible current probe expands the measurement range to 2500 A ac. True-rms ac voltage and current for accurate measurements on non-linear signals. Min, max, average and inrush recording to capture variations automatically. Integrated low pass filter and state of the art signal processing allows for use in noisy electrical environments while providing stable readings. Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it. Ergonomic design fits in your hand and can be used while wearing protective equipment. Large, easy to read backlight display automatically sets the correct measurement range so you do not need to change the switch positions while taking a measurement. Soft carrying case.

Safety conformance:

EN/IEC 61010-1:2001; 1000V CAT III, 600V CAT IV.



5550179





4350115

**4350115****Clip Personal Carbon Monoxide (CO) Detector**

This carbon monoxide detector is designed for clipping directly onto a worker's person and provides a quick and easy method of detector hazardous CO gas in the air.

The unit is portable, lightweight and robust, designed to resist the harshest of environments. It also features adjustable alarm levels and uses audio, visual and feedback to make sure users know instantly that a spike in carbon monoxide levels has been detected.

This CO detector features sensor range of 0-300ppm and will comfortably operate for two years without any maintenance needed to come out. It also features ingress protection of IP66 and IP67 and is fully certified as an intrinsically safe carbon monoxide detector. This means that the device is suitable for use in areas where a combustion might be a risk when using other testers.



5012323

**5012323****Gas Leak Detector**

Use this Gas Leak Detector to quickly locate gas leaks, even in the most confined locations, with the flexible gooseneck probe and in built LED light.

**Includes:**

Batteries included and battery indication.  
Hand held combustible Gas Leak detector.  
Adjustable tick rate and sensitivity, audible and visual alarms.  
Gooseneck probe with LED in tip to assist in poorly lit spaces.  
Protective rubber boot around instrument.



5500103

**5500103****Gas Leak Detector**

This flue gas spillage detector reliably detects escaping heating gases. The practical instrument immediately gives off a visual and audible alarm. It is therefore not necessary to actually see the detector. The bendable probe facilitates applications in confined areas.

Reliable recognition of escaping flue gases.  
Bendable measurement probe for points which are difficult to access.  
Audible and visual alarm.  
DVGW approved.  
Visual/audible.

Battery type: 3 AAA micro batteries

Weight: 300 g

Dimensions: 128 x 46 x 18 mm



5012319

**5012319****Sprint Evo 3 Flue Gas Analyser Kit 2****Kit includes:**

Large laptop style carry holdall with adjustable shoulder strap.  
Over moulded protection with integral magnets to analyser.  
FreeVo flue probe with unique moisture extraction system, for better protection.  
Pressure hoses for use with natural gas.  
Gooseneck Gas Leak Detection probe with LED searchlight.  
CD Rom instruction manual and quick start guide.  
Sprint PC Lite software enables simple communication to PC (Cable not included).  
Bluetooth™ enabled communication.  
Traceable annual certificate of calibration.  
Spare filter and paper roll.  
1x 240v Mains charger supplied for use with both analyser and printer.  
Magnetic Infra-Red rechargeable printer.  
2x Pipe clamp temperature probes 15-28mm diameter.  
ANT/CO/BS7967 CO probe kit.  
APRV pressure relief valve.

**Sprint eVo 3 Standard Features:**

Improved smaller ergonomic design with over moulded protection.  
Enhanced simple to use, intuitive menu driven software.  
CO CO2 CO/CO2 ratio, O2 XS air, temperature, efficiency with printout.  
FreeVo flue probe with unique moisture extraction system (Patent pending 1207896.0).  
Timed let by/tightness test (IGE/Up/1b) with printout (0.01 resolution up to 199.99 mBar).  
Draught/differential pressure measurement with timer.  
Operating/working pressure report with printout.  
Timed CO build up tests (BS 7967) with appliance selection.  
Flow & return temperature with printout.  
Optional Gooseneck Gas Leak Detection with searchlight.  
Li-ion rechargeable battery (no memory loss).  
Instant print facility, without saving to memory.  
Internal memory stores over 200 readings.  
All previous logs can be recalled & viewed on screen.  
Personalised printouts with traceability & Engineer / Customer signature column.  
Improved high contrast graphic screen, multi viewing angle and temperature compensated.  
Simplified purge structure, enabling quick use of non pumped tests, saving time & battery life.  
Software to enable USB/PC communication with personalised PDF reports.  
Bluetooth™ enabled communication.

The evo3 Flue Gas Analyser is the perfect tool for today's heating engineer. With an ergonomic moulded casing, improved software, enhanced display and unique FreeVo flue probe moisture extraction system, the evo3 simplifies the flue gas analysis process.

The eVo3 Kit 2 makes testing even easier thanks to the included battery-powered printer, pipe clamp temperature probes, pressure relief valve, gooseneck leak detector with LED searchlight, and a spare filter and roll of printer paper, ensuring you're never caught out on-site.

Supplied with a certificate of calibration and Bluetooth function, the engineer can now use the Sprint Mobile App (Android only) enabling comprehensive testing and recording straight out of the box. The app simplifies the process of not only testing and producing reports, but keeping track of customer's details, previous reports and follow-up tests.