## ACCESSORIES FOR THE DRAPER EXPERT PROLASER® RANGE

A collection of accessories and replacement items for the Prolaser® Series listed on pages 328-329.





#### Prolaser® Laser Level Tripod

Expert Quality; aluminium construction with 5/8" UNC screw thread. For use with Prolaser® line levels. Closed height 1117mm, open height 2300mm. Display packed.

Stock No.	Box Qty	Price each
22125	_	€182.28P



#### Prolaser® Laser Wall Mount

For mounting laser levels to wall. Hand wheel for fine adjustments within 150mm. 5/8" UNC screw thread. Display packed

Stock No.	Box Qty	Price each
23617	-	€72.13P



#### **Prolaser® Laser Target**

Magnetic with special reflective surface for extending length of laser beam when working outside. Graduations in metric and imperial. For use with Draper Stock Nos. 22212, 22219, 24322 and 24323. Display packed.

Stock	Box	Price
No.	Qty	each
22127	_	€13.10P



### **Prolaser® 5M Telescopic Measuring Staff**

Five sections, dual marked with abrasion-resistant scale in metric and imperial graduations. Sold loose.

Stock No. Price Box Qty each 23619 €72.13P





#### **Extendable Pole for Mounting Prolaser® Laser Levels**

Five sections with maximum height of 3.3M. Spring-loaded pad on pole allows easy clamping between floor and ceiling door frames. Sliding platform has 1/4" and 5/8" UNC screw threads. 5/8" is a hollow screw for plumb down levels. Display packed.

Stock No.	Box Qty	Price each
23620		€72.13P



### 5/8" Laser Level Tripod

Aluminium construction for use with Prolaser® and Draper line levels. Open height 1118mm. Display packed.

No.	Box Qty	each
65643	-	€32.13D



### **Prolaser® Laser Angle Mount**

Accurately indicates angles and range in excess of 90°. Vial for levelling purposes. 5/8" UNC screw thread allows connection from above and below. Display packed.

Stock No.	Box Qty	Price each
23618	_	€163.93P



#### Prolaser® 5/8" to 1/4" UNC **Tripod Adaptor**

Converts tripod threads from 5/8" to 1/4" UNC to allow usage with smaller laser levels. Sold loose.

Stock No.	Box Qty	Price each
80491	-	€6.53P



#### **Laser Enhancement Glasses**

For looking at Class 2 laser beams. Universal fitting. Display packed.

Stock	Box	Price
No.	Qty	each
65644	_	€5.75D



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. Class 2 laser projects a horizontal, vertical or cross beam lines on surfaces. Accuracy 0.5mm per 1M within the operating distance of 3-8M. Self-levelling range  $\pm 6^\circ$ . Supplied with heavy duty adjustable tripod (max. height 1.18M), rotating laser enhancement glasses and three AAA batteries. Comprehensive instruction manual included. Packed in blow mould carrying case with display sleeve.

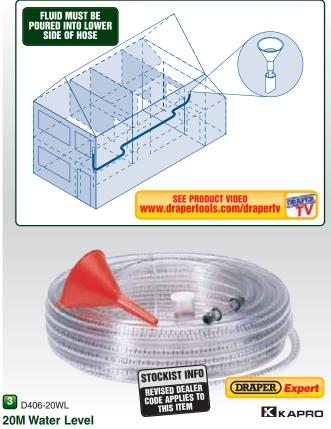
Stock No.	Description	Box Qty	Price each
88640	Laser Level Kit	-	€72.98P
65643	Tripod	-	€32.13D
65644	Glasses	-	€5.75D
61833	Batteries (4 x AAA)	-	€4.38D



400mm Rotating Laser Level Kit

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. Supplied with manual. Packed in blow mould carrying case with display sleeve.

Stock No.	Description	Box Qty	Price each
69580	Laser Level Kit	_	€42.13P
65642	Rotary Base	_	€28.28D
65643	Tripod	_	€32.13D
65644	Glasses	_	€5.75D
61833	Batteries (4 x AAA)	_	€4.38D



Expert Quality, ideal for blind, room to room measurements and for checking gradients over long distances. Hose is filled with water and level is found when both graduations chosen are the same. Comprises 20M (approx.) length of PVC hose graded in 0.5 and single centimetre graduations, funnel, colouring crystals, water stop plugs and marker rings. Manufactured for Draper Tools by Kapro. Shrink wrapped with descriptive label.

Stock No.	Box Qty	Price each
69565	-	€29.79P



Unique tool to plumb pipes, posts,

levelling RSJ's and other applications where vertical or horizontal is required. The hinged body opens to any angle and allows use on square, round and hexagonal posts, as well as girders (RSJ's). Dual fixing - elastic straps for non magnetic surfaces and magnets for steel fence posts, RSJ's, etc. Plastic construction with acrylic vials. Size 188 x 133mm. Accuracy 1.75mm per 1M = 0.1°. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Box Qty	Price each
69555	_	€10.41P



## Plumb Site® Dual View™ Box Section Levels with Ergo Grip™ Handles

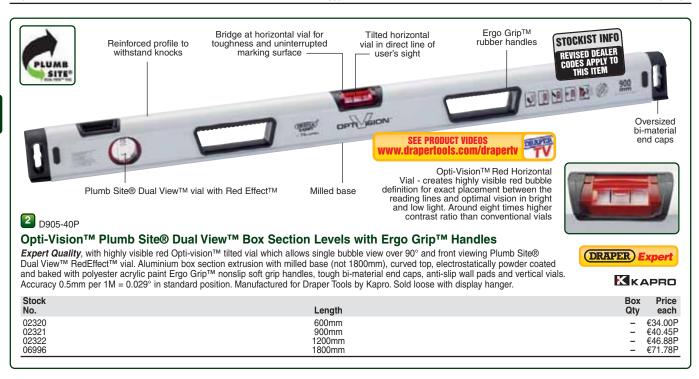
SEE PRODUCT VIDEOS www.drapertv





Expert Quality, with front viewing Plumb Site® Dual View™ giving 33% improved magnified vial viewing. Aluminium box section extrusion with milled top and base (except 1800mm), electrostatically powder coated and baked with polyester acrylic paint with Ergo Grip™ nonslip soft grip handles, tough bi-material end caps, one horizontal (1800mm has two) and two magnified vertical vials. Accuracy 0.5mm per 1M = 0.029° in standard position. Manufactured for Draper Tools by Kapro. Sold loose with display hanger.

Stock No.	Length	Box Qty	Price each
24318 24319 24320 24321	600mm	_	€33.63P
24319	900mm	_	€39.98P
24320	1200mm	_	€46.23P
24321	1800mm	_	€72.45P







#### Plumb Site® Dual View™ Box Levels with Ergo Grip™ Ends

Expert Quality, with front viewing Plumb Site® Dual View™ vials, horizontal vial and two vertical vials. Aluminium box section extrusion with milled top and base (except 1800mm), electrostatically powder coated and baked with polyester acrylic paint. Two nonslip soft grip handles (one on 600mm), anti-slip wall pads and cushioned end caps. Accuracy 0.5mm per 1M = 0.029° in standard position. Manufactured for Draper Tools by Kapro. Sold loose with display hanger.

<b>33</b> 70	LARGER	VIAL
Mir		- (11)
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	$\perp$	

Stock No.	Length	Box Qty	Price each
51101 51102 51103 51104	600mm	_	€24.98P
51102	900mm	_	€31.23P
51103	1200mm	_	€37.48P
51104	1800mm	-	€55.00P

Milled surfaces







'I' Beam for accurate level readings

Shockproof end caps



Plumb Site® Dual View<sup>TM</sup> vial

Air cushioned Ergo Grip™ rubber handles

QUALITY MAKES THE

### 1 D170

### Plumb Site® Dual View™ 'I' Beam Girder Section Levels

Expert Quality, with front viewing Plumb Site® Dual View™ vial and 'l' beam vial. Manufactured from hardened aluminium electrostatically powder coated and baked with polyester acrylic paint, milled top and base and rubber end caps. One horizontal and two vertical vials, one of which has a front viewing Plumb Site® Dual View™ vial. Accuracy 1mm per 1M = 0.001° in standard position. Manufactured for Draper Tools by Kapro. Sold loose with display hanger.

Stock No.	Length	Box Price Qty each
41213	600mm	- €23.06P
41214	900mm	- €29.85P
41215	1200mm	- €36.00P

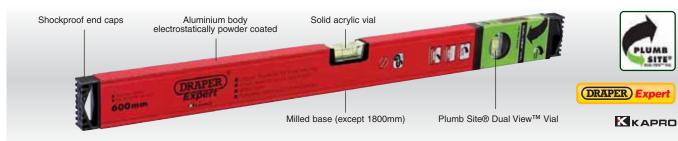
#### **DAVE SAYS**

Solid acrylic vial

The 'Plumb Site® Dual View™' vial allows the user to stand opposite the surface to ensure it is level, through a one-to-one reflection of the vial. That means there is a complete field of vision for a true plumb reading (no parallax error). This can save time and money and also reduces neck strain from awkward viewing angles.







#### Plumb Site® Dual View™ Box Section Levels

Expert Quality, with front viewing Plumb Site® Dual View™ vial. Aluminium box section extrusion electrostatically powder coated and baked with polyester acrylic paint. All have a milled base (except 1800mm). The 300mm and 600mm sizes have one horizontal vial and one Plumb Site® Dual View™ vial; the 900mm and 1200mm sizes have one horizontal, one plumb and one Plumb Site® Dual View™ vial and the 1800mm has two horizontal, one plumb and one Plumb Site® Dual View™ vial and the 1800mm has two horizontal, one plumb and one Plumb Site® Dual View™ vial. Accuracy 0.5mm per 1M = 0.029° (1800mm 1mm per 1M = 0.057°) in standard position. Manufactured for Draper Tools by Kapro. Sold loose with display hanger.

Stock No.	Length	Box Pric Qty eacl	
69540	300mm	- €18.441	Ρ
69541	600mm	<ul><li>€21.08I</li></ul>	2
69542	900mm	- €26.851	2
69543	1200mm	<ul><li>€31.23I</li></ul>	2
69544	1800mm	- €48.691	2





#### Plumb Site® Dual View™ 'I' Beam Levels

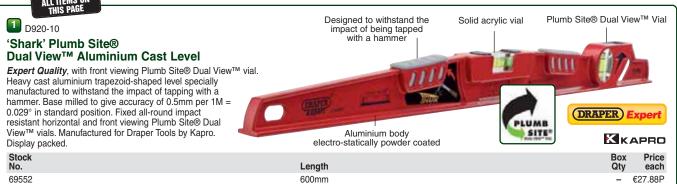
Levels with front viewing Plumb Site® Dual View™ vials. Manufactured from hardened aluminium electrostatically powder coated and baked with polyester acrylic paint. One horizontal and two vertical vials, one of which has a front viewing Plumb Site® Dual View™ vial. Accuracy 1.75mm per 1M = 0.1° in standard position. Manufactured for Draper Tools by Kapro. Sold loose with display hanger.

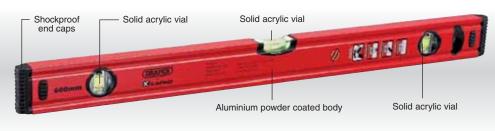
Stock No.	Length	Box Qty	Price each
41393	600mm	_ :	€16.65P
41394	900mm	_ :	€20.40P
41395	1200mm	_ :	€24.40P



KAPRO











#### **Box Section Levels**

Aluminium powder coated box level with precision milled base. One horizontal and two vertical vials (except 300mm long which only has one vial of each orientation) and antislip wall pads. Average accuracy 0.5mm per 1M = 0.029° in standard position. Hanging tabs for user convenience. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Length	Box Qty	
79575 79576 79577	300mm 600mm	_	€14.65P €15.53P
79577 79578	900mm 1200mm		€18.38P €22.35P



#### Box Section Levels with Ergo Grip™ Handles

KAPRO

Extruded aluminium electrostatic coated box section level with precision milled base and Ergo Grip™ nonslip soft grip handles. One horizontal and two vertical. Average accuracy 0.5mm per 1M = 0.029° in standard position. Hanging tabs for user convenience. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Length	Box Pric Qty eac	
13408	600mm	- €15.96	2
13413	900mm	- €21.90	2
13414	1200mm	- €25.29	2







### 4 D786-40/41

#### **Box Section Levels**

Extruded aluminium electrostatic coated box section level with precision milled base. One horizontal and two vertical vials, except 300mm long which has one of each. Average accuracy 0.5mm per 1M = 0.029° in standard position. Hanging tabs for users convenience. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Length		Price each
13382 13384	300mm 600mm		7.40P 9.83P
13382 13384 13397 13400	900mm 1200mm	- €12. - €14.	2.15P



### 1 D992

#### KAPRO

#### 250mm Digital Angle Finder

Expert Quality, for angle finding in various applications. Anodized finish with lockable adjustable blade. LCD with LED backlight display with various functions including level, pitch, presets with buzzer. LCD readout reads 'right way' when turned through 180°. Accuracy 0.1°. Manufactured for Draper Tools by Kapro. Display packed

Stock No.	Box Qty	Price each
03077	-	€84.74P





# 225mm Plumb Site® Dual View™ Level with Magnetic Base and Detachable Mini Level

A multi-purpose magnetic level incorporating a detachable mini level (size:  $53 \times 27$ mm). The level has one horizontal and front viewing Plumb Site® Dual View¹ wials plus a magnetic strip in the base. The mini level has a horizontal vial, magnetic base, line suspension facility and is held securely in the main level by a locking switch. Accuracy 1.75mm per  $1M = 0.1^{\circ}$  in standard position. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Box Qty	Price each
69608	_	€11.89P





### KAPRO

#### 230mm Boat Level with Magnetic Base

Moulded from polystyrene with a magnetic strip in the base. Unbreakable all-round reading horizontal, vertical and  $45^\circ$  vials. Incorporates a V groove in the top and a hang hole. Accuracy 1.75mm per  $1M=0.1^\circ$  in standard position. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Box Qty	Price each
69563	-	€4.89P



### 2 D923-25

### KAPRO

#### 250mm Plumb Site® Dual View™ Boat Spirit Level with Magnetic Base

Expert Quality, with front viewing Plumb Site® Dual View™ vial. Cast aluminium with one horizontal, one 45° and a Plumb Site® Dual View™ vial. Special milled base with two rare earth magnets. Accuracy: 0.5mm per 1M = 0.029° in standard position. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Box Qty	Price each
69550	_	€26.49P



### **5** D227

## 230mm Torpedo Level KAPRO with Magnetic Base

ABS with a magnetic strip in the base. Unbreakable allround reading horizontal, vertical and 45° vials. Incorporates a V groove in the top, rubber end caps and a hang hole. Accuracy 1.75mm per 1M = 0.57° in standard position. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Box Qty	Price each
79579	_	€4.61P





### B D245MLR

#### KAPRO

#### 100mm Mini Level

ABS moulded level with two vials and 0-90° angle finder in body. Accuracy 1.75mm per 1M = 0.1° in standard position. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Box Qty	Price each
44444	- €	2.95P



# 250mm Plumb Site® Dual View™ Torpedo Level with Magnetic Base

Expert Quality, magnetic 'V' groove level with front viewing Plumb Site® Dual View™ vial. The 'V' groove is especially useful in levelling pipework. Three vials: horizontal, 45° and vertical with Plumb Site® Dual View™ window. Accuracy 1.75mm per 1M = 0.1° in standard position. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Box Qty	Price each
69554	10	€10.54P



#### 250mm Cast Boat Levels

Horizontal and vertical vials, with precision milled base. Accuracy 1.0mm per 1M = 0.057° in standard position. Multiples of 12 levels only, supplied in countertop display. Minimum order 12 or multiples thereof

Stock No.	Box Qty	Price each
45868	12	€6.23P



#### 78mm Line Level

Manufactured from impact resistant plastic, incorporating a pocket clip, line suspension hooks and V grooved ends. Can be used to check any surfaces including pipework. Accuracy 1.75mm per  $1M=0.1^{\circ}$  in standard position. Manufactured for Draper Tools by Kapro. Display packed.

Stock No.	Box Qty	Price each
69562	-	€2.86P



These are

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DRAPER

Expertplus

metric and imperial graduations. The wide blades - 25mm for all lengths - which is unusual makes these tapes ideal for tradesmen who want a clear tape blade that is easy to see. Ruggedly built, these tapes will last many years in building and industrial environments.

chrome plated ABS case with soft grip, blade locking button and belt clip.

Power return 25mm wide nylon coated blade has clear black and red graduations, metres into cm/mm and feet into inches, 1/8" and 1/16". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for very accurate internal/external measurements. Display packed.

Stock	Tape	Box	Price each
No.	Length	Qty	
32035	5M/16ft	6 €3	0.50D
32036	7.5M/25ft		7.05D
32037	12M/40ft		8.10D





Expert Quality, in stainless steel case with soft grip.
Large positive blade locking button and belt clip. Power return nylon coated blade has clear black and red graduations, metres into cm/mm and feet into inches, 1/8" and 1/16". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning double plated end hook for very accurate internal/external measurements. Display packed.

Stock	Blade	Blade	Box Price
No.	Length	Width	Qty each
36014	3M/10ft	19mm	6 €8.28D
36015	5M/16ft	19mm	6 €11.60D
36016	8M/26ft	25mm	6 €20.10D



Metric scale manufactured to EC Class II accuracy

Expert Quality, tough impact resistant ABS case with rubber soft grip, blade locking button and belt clip. Power return nylon coated blade has clear black and red graduations, metres into cm/mm and feet into inches, 1/8" and 1/16". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for very accurate internal/external measurements. Display packed.

Stock No.	Tape Length	Tape Width	Box Qty	Price each
35946	5M/16ft	19mm	6	€10.58D
36001	8M/26ft	25mm	6	€18.65D
36002	10M/33ft	32mm	6	€24.28D



Expert Quality, in tough impact resistant satin chrome plated ABS case with soft grip, blade locking button and belt clip. Power return nylon coated blade has clear metric graduations. Self-aligning end hook for very accurate internal/external measurements. Display packed.

Stock	Tape	Box	Price each
No.	Width	Qty	
69592	19mm	4	€12.20D



### Soft Grip Heavy Duty Trade Measuring Tapes

Metric scale manufactured to EC Class II accuracy

Tough impact resistant ABS case with rubber soft grip, blade locking button and belt clip. Power return nylon coated blade has clear black and red graduations, metres into cm/mm and feet into inches, 1/8" and 1/16". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for very accurate internal/external measurements. Display packed.

Stock	Tape	Tape	Box	Price
No.	Length	Width	Qty	each
33918	5M	19mm	_	€9.98D
33920	8M	25mm		€18.73D

## PERSONALISED TAPE MEASURES

### **MAKE YOUR COMPANY STAND OUT FROM THE CROWD**

Choose from two tape lengths and two designs. Item No. 3: 5M/16ft or 7.5M/25ft and item No. 5: 5M/16ft or 7.5M/25ft

Personalised Tape Measures are also available using 5M/16ft or 7.5M/25ft Draper DIY Series Soft Grip Measuring Tapes. See page 773 for tape details.

NOTE: Tapes can only be ordered via a special order form obtainable from the Draper Tools Sales Desk: Tel +44 (0) 23 8049 4333.

Delivery time usually six weeks from ordering date. Minimum order quantities apply.







### **Soft Grip Auto Lock Measuring Tapes**

Tough impact resistant ABS case with soft grip, blade locking button and belt clip. Blade remains out when extended without use of locking button. Power return nylon coated blade has clear black and red graduations, metres into cm/mm and feet into inches, 1/8" and 1/16". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for very accurate internal/external measurements. Display packed with 'Try Me' feature on pack.

Stock	Tape	Tape	Box	Price each
No.	Length	Width	Qty	
30863	3M/10ft	13mm	6	€6.98D
30937	5M/16ft	19mm	6	€9.30D
30941	8M/28ft	25mm	6	€18.68D



### EMTG

#### **Soft Grip Measuring Tapes**

Tough impact resistant ABS case with soft grip, blade locking button and belt clip. Hold and measure button allows user to lock tape for accurate measurements with button on base to control speed of return blade into tape. Power return nylon coated blade has clear black and red graduations, metres into cm/mm and feet into inches, 1/8" and 1/16". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for very accurate internal/external measurements. Display packed.

Stock	Tape	Tape	Box	Price each
No.	Length	Width	Qty	
75298	3M/10ft	16mm	6	€7.70D
75299	5M/16ft	19mm	6	€11.03D
75300	7.5M/25ft	25mm	4	€14.50D
75301	10M/33ft	32mm	4	€18.39D



### **Easy Find Measuring Tapes**

Brightly coloured plastic tape case with locking button and belt clip. Power return blade has clear graduations, metres into cm/mm and feet into inches, 1/8", 1/16" and 1/32". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for accurate internal/external measurements. Random colours only. Sold loose

Stock No.	Tape Length	Tape Width	Box Qty	Price each
75880	3M/10ft	13mm	12	€5.95D
75881	5M/16ft	19mm	12	€10.13D
75882	7 5M/25ft	25mm	12	£12 98D





#### 10M/33ft Soft Grip Magnetic **Measuring Tape**

Tough impact resistant ABS case with soft grip, blade locking button and belt clip. Magnetic tip/hold and measure button allows user to lock tape for accurate measurements with button on base to control speed of return blade into tape. Power return nylon coated blade has clear black and red graduations, metres into cm/mm and feet into inches, 1/8" and 1/16". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for very accurate internal/external measurements. Display packed.

Stock	Tape	Box Price
No.	Width	Qty each
79107	32mm	<b>8</b> €19.08D

4 EMTGD

#### **Soft Grip Measuring Tapes**

Tough impact resistant ABS cases with soft grip, blade locking button and belt clip. Hold and measure button allows user to lock tape for accurate measurements with button on base to control speed of return blade into tape. Power return nylon coated blade has clear black and red graduations, metres into cm/mm and feet into inches, 1/8" and 1/16". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for very accurate internal/external measurements. Multiples of 30 or 24 tapes only, supplied in countertop displays.

### Minimum order 24 or 30 tapes or multiples thereof

Stock	Qty. per	Tape	Tape	Box	Price each
No.	Disp.	Length	Width	Qty	
75373	30	5M/16ft	19mm		11.03D
75374	24	7.5M/25ft	25mm		14.50D



### **Easy Find Measuring Tapes**

DRAPER

Brightly coloured plastic tape cases with locking button and belt clip. Power return blade has clear graduations, metres into cm/mm and feet into inches, 1/8", 1/16" and 1/32". Yellow wear resistant coating. Stud centre markings every 16". Self-aligning end hook for accurate internal/external measurements. Packed 1/3 of each colour - orange, green and yellow per dispenser. Multiples of 30 tapes (3M/10ft and 5M/16ft) or 24 (7.5M/25ft) only, supplied in countertop displays.

#### Minimum order 24 or 30 or multiples thereof

Stock	Qty. per	Tape	Tape	Box	Price each
No.	Disp.	Length	Width	Qty	
75883	30	3M/10ft	16mm		€5.95D
75884	30	5M/16ft	19mm		€10.13D
75886	24	7.5M/25ft	25mm		€12.98D



### **Stainless Steel Rules**

Expert Quality, precision rules manufactured from hardened stainless steel matt chrome plated. The clear black graduations of 0.5mm, mm, 0.5cm, cm and 1/64", 1/50", 1/32", 1/20", 1/16", 1/10", 1/2", and inches on the reverse are permanently etched for long service life. Packed into vinyl wallets. Display packed.

Stock Part No. No.	Marked Length	Box Qty	Price each
22670 SSR6B	150mm & 6"	_	€6.40D
22671 SSR12B	300mm & 12"	_	€15.95D
22672 SSR24B	600mm & 24"	_	€31.85D
22673 SSR36B	1000mm & 36"	_	€61.38D



### **Aluminium Rules**

Extruded from 30mm wide anodized aluminium. Clearly graduated both sides mm/cm, inches, 1/8" and metric/imperial equivalents of length, area, volume and weight. Manufactured for Draper Tools by Kapro. Display packed.

Marked Length	Box Qty	Price each
150mm & 6"	_	€5.13D
300mm & 12"	_	€8.03D
600mm & 24"	_	€11.05D
1000mm & 39"	_	€16.38D
	Length 150mm & 6" 300mm & 12" 600mm & 24"	Length Qty 150mm & 6" — 300mm & 12" — 600mm & 24" —



600mm/24" Folding Steel Rule

Double sided, single fold rule with permanently etched graduations of cm/mm and inches, 1/8", 1/16", 1/32" and 1/64". Display packed.

Stock	Rule	Box Pri	
No.	Width	Qty ea	
16142	18mm	- €13.38	3D



#### **Steel Rules**

Double sided with hang hole. Permanently etched graduations of cm/mm and inches, 1/8", 1/16", 1/32" and 1/64". Display packed.

Stock	Part	Marked	Rule	Box	Price each
No.	No.	Length	Width	Qty	
59633	D17	150mm/6"	19mm	_	€3.93D
59641	D18	300mm/12"	30mm		€6.08D



3 D26SS

#### 300mm Aluminium Triangle Scale Rule

Ideal for scale drawings interpretations. Scale graduations in 1:20, 1:25, 1:50, 1:75, 1:100 and 1:125. Packed into plastic sleeve.

Stock No.	Box Qty	Price each
26336	_	£5.75D



#### **Plastic Folding Rule**

Manufactured from tough, impact resistant ABS plastic with clear graduations of cm/mm one side and 1/16"/inches on the other. Display packed.

Stock	Marked	Rule	Box Price
No.	Length	Width	Qty each
12392	1000mm/39"	17mm	4 €12.63D



#### **Hardwood Rule**

Clear black graduations with solid brass hinges and tips. Graduated cm/mm one side, with 1/16", 1/8"/inches on reverse. Display packed.

Stock	Marked	Rule	Box Price
No.	Length	Width	Qty each
36522	1M & 39"	15mm	- €16.35D



#### **Digital Caliper Gauge**

General purpose gauge with carbon fibre components fitted with metric/imperial digital LCD display. Can be used for internal and external measurements. Display packed.

Stock No.	Range	Box Qty	Price each
24816	150mm & 6"	10	€26.50D

#### Caliper Gauge

General purpose with plastic body and metal spine. Can be used for internal, external and depth measurements. Metric/imperial graduations, cm/mm and 1/16"/inches. Display packed.

Stock No.	Range	Box Qty	Price each
18066	150mm & 6"	6	€4.75D



#### **Caliper Gauges**

General purpose calipers with thumb wheel fine adjustment. Can be used for internal, external and depth measurements. Metric/imperial graduations, cm/mm and 1/16"/inches. Display packed.

Stock	Part	Range	Box	Price
No.	No.		Qty	each
39493		115mm & 4.1/2"	6	€12.25D
39500		150mm & 6"	6	€14.75D

# DIGITAL MULTIMETER QUICK REFERENCE TABLE

Item Nos. 1, 2 & 3 on this page and 1, 2 & 3 on page 367 show our quality range of digital multimeters.

Stock No. Part No.	52320 DMM7	60792 DMM1A	78993 DMM2B	78997 DMM6B	78998 DMM10B	78999 DMM11B
	000			1000 1000 1000 1000 1000 1000 1000 100		
DC Voltage	•	•	•	•	•	•
AC Voltage	•	•	•	•	•	•
DC Current	•	•	•	•	•	•
AC Current Resistance	•	•	•	•	•	•
Continuity	•	•				
Buzzer		•	•	•	•	•
Diode Check	•	•	•	•	•	•
Positions: Rotary Function & Range Selector	16	20	20	13 manual/ autoranging	30	12 manual/ autoranging
Recessed input terminals	•	•	•	•	•	•
Stand		•	•	•	•	•
IEC 61010-1 Specification	•	•	•	•	•	•
Rubber bump cover	•	•	•	•		
Storage case/wallet						
Probe Set	•	•	•	•	•	•
Crocodile Clips	optional	optional	optional	optional	optional	optional
Additional Functions	9V Battery Test	Data hold. Transistor HFE test facility. Illuminated display.	Data hold. Battery test facility 1.5/9V. Illuminated display.	Data hold. Relative hold. Temperature. Frequency. Duty Cycle. Illuminated display. Auto power off.	Data hold. Temperature. Frequency. Illuminated display. Auto. power off.	Data hold. Relative hold. Temperature. Frequency. Duty Cycle. 9V Battery Test. Illuminated display. Auto. power off.
Battery	Supplied	Supplied	Supplied	Supplied	Supplied	Supplied
				Range and	Accuracy	
DC Voltage	200mV, 2000mV, 20V, 200V, 500V (acc: ± 0.5%)	200mV, 2000mV, 20V, 200V, 600V (acc: ± 0.8% @600V)	200mV, 2000mV, 20V, 200V, 600V (acc: ± 1% @600V)	400mV, 4V, 40V, 400V, 1000V (acc: ± 1.5% @ 1000V)	200mV, 2V, 20V, 200V, 1000V (acc: ± 0.8% @1000V)	400mV, 4V, 40V, 400V, 1000V (acc: ± 1.5% @ 1000V)
AC Voltage	200V, 500V, (acc: ± 2%)	200V, 600V (acc: ± 1.2%)	200V, 600V (acc: ± 1.2%)	400mV, 4V, 40V, 400V, 750V (acc: ± 2% @750V)	2V, 20V, 200V, 700V (acc: ± 2.5% @700V)	4V, 40V, 400V, 700V (acc: ± 2% @700V)
DC Current	2000 A, 20mA, 200mA (acc: ± 2% )	2000 A, 20mA, 200mA, 10A (acc: ± 3% @ 10A)	2000 A, 20mA, 200mA, 10A (acc: ± 3% @ 10A)	400 A, 4000 A, 40mA, 400mA, 10A (acc: ± 2.5% @ 10A)	2mA, 20mA, 200mA, 20A (acc: ± 2.5% @20A)	400 A, 4000 A, 40mA, 400mA, 4A, 20A (acc: ± 2.5% @ 20A)
AC Current				400 A, 4000 A, 40mA, 400mA, 10A (acc: ± 3% @10A)	2mA, 20mA, 200mA, 20A (acc: ± 3% @20A)	400 A, 4000 A, 40mA, 400mA, 4A, 20A (acc: ± 3% @20A)
Resistance	200Ω, 2000Ω, 20kΩ, 200kΩ, 2000kΩ (acc: $\pm 1.5\%$ )	$200\Omega$ , $2000\Omega$ , $20k\Omega$ , $200k\Omega$ , $2000k\Omega$ (acc: ± 1% @ $2000k\Omega$ )	$\begin{array}{c} 200\Omega,\ 2000\Omega,\\ 20k\Omega,\ 200k\Omega,\\ 2000k\Omega\\ (acc.\pm1.2\%\\ @\ 2000k\Omega) \end{array}$	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ, (acc: ± 2% @ 40MΩ)	$\begin{array}{c} 200\Omega,2k\Omega,20k\Omega,\\ 200k\Omega,2M\Omega,\\ 20M\Omega\\ (acc:\pm2\%\\ @20M\Omega) \end{array}$	$\begin{array}{c} 400\Omega, \ 4k\Omega, \ 40k\Omega, \\ 400k\Omega, \ 4M\Omega, \\ 40M\Omega, \\ (acc: \pm 2\% \\ @ \ 40M\Omega) \end{array}$
Capacitance				4nF, 40nF, 400nF, 4 F, 40 F, 200 F (acc: ± 5% @200 F)	2nF, 20nF, 200nF, 2 F, 200 F (acc: ± 4% @ 200 F)	40nF, 400nF, 4 F, 40 F, 100 F (acc: ± 5% @ 100 - F)
Size-mm (W - H - D)	55 x 112 x 40	68 x 140 x 45	75 x 155 x 46	75 x 155 x 45	92 x 195 x 38	92 x 195 x 38
Weight	70g	220g	442g	200g	380g	400g
Battery Type	1 x 12V (23A)	1 x 9V (PP3)	1 x 9V (PP3)	1 x 9V (PP3)	1 x 9V (PP3)	1 x 9V (PP3)



### 1 DMM7

### **Digital Multimeter**

Specification shown in 'Digital Multimeters' Table or the meter's instruction manual. Display packed.

Stock No.	Description	Box Price Qty each
52320	Multimeter	- €27.10D
53549	Crocodile Clips	- €5.75D
53548	Probe Set	- €5.65D



### 2 DMM1A

### **Digital Multimeter**

Specification shown in 'Digital Multimeters' Table or the meter's instruction manual. Display packed.

Stock No.	Description	Box Price Qty each
60792	Multimeter	- €32.93D
51348	Crocodile Clips	- €6.30D
53551	Probe Set	- €7.53D
61837	Battery (PP3)	<b>12</b> €7.38D



### 3 DMM2B

### **Digital Multimeter**

Specification shown in 'Digital Multimeters' Table or the meter's instruction manual. Display carton.

Stock No.	Description	Box Qty	Price each
78993	Multimeter	- €	53.05D
51348	Crocodile Clips	_	€6.30D
53551	Probe Set	-	€7.53D
61837	Battery (PP3)	12	€7.38D



### DMM6B

### **Autoranging Digital Multimeter**

Specification shown in 'Digital Multimeters' Table or the meter's instruction manual. Display carton.

Stock No.	Description	Box Price Qty each
78997	Multimeter	- €87.60D
51348	Crocodile Clips	- €6.30D
53551	Probe Set	- €7.53D
53552	Temperature Probe	- €12.85D
61837	Battery (PP3)	<b>12</b> €7.38D



### 2 DMM10B

#### **Digital Multimeter**

Expert Quality. Specification shown in 'Digital Multimeters' Table or the meter's instruction manual. Battery supplied - PP3 type. Display carton.

Stock No.	Description	Box Qty	Price each
78998	Multimeter	- €	106.43D
88813	Crocodile Clips	_	€4.63D
53551	Probe Set	-	€7.53D
53552	Temperature Probe	-	€12.85D
61837	Battery (PP3)	12	€7.38D



#### **Autoranging Digital Multimeter**

**Expert Quality**, specification shown in 'Digital Multimeters' Table or the meter's instruction manual. Display carton.

Stock No.	Description	Box Qty	Price each
78999	Multimeter	- €1	114.98D
88813	Crocodile Clips	_	€4.63D
53551	Probe Set	_	€7.53D
53552	Temperature Probe	- (	£12.85D
61837	Battery (PP3)	12	€7.38D

## **DIGITAL CLAMP METER** OUICK REFERENCE TABLE

Item Nos. 4, 5, 6 & 7 on this page show our range of clamp meters.				
Stock No. Part No.	79000 DMM8B	79002 DMM9B	34280 DCM2	04698 DCM1B
DC Voltage	•	•	•	•
AC Voltage	•	•	•	•
DC Current	•	•	•	•
AC Current	•	•	•	•
Resistance	•	•	•	•
Continuity Buzzer	•	•	•	•
Diode Check	•	•	•	•
Positions: Rotary Function & Range Selector	8 manual/ autoranging	8 manual/ autoranging	6 manual/ autoranging	17 manual/ autoranging
Recessed input terminals	•	•	•	
Stand	•	•	•	•
IEC 61010-1 Specification	•	•	•	•
Rubber bump cover	•	•	•	•
Storage case	•	•	•	•
Probe Set	•	•	•	•
Crocodile Clips	optional	optional	optional	optional
Additional Functions	Data hold. Max. hold. Auto. power off. Max. cable 29mmØ Illuminated display.	Data hold. Duty Cycle. Temperature. Frequency. Max. cable 35mmØ. Illuminated display.	Data hold. Duty Cycle. Temperature. Frequency. Insulation Tester. Max. cable 60mmØ.	Data hold. Duty Cycle. Temperature. Frequency. Insulation Tester. Max. cable 60mmØ.
Battery	Supplied	Supplied	Supplied	Supplied
	Range	and Accurac	у	
DC Voltage	200mV, 2V, 20V, 200V, 600V (acc: ± 1.5% @600V)	400mV, 4V, 40V, 400V, 600V (acc: ± 2% @ 600V)	400mV, 4V, 40V, 400V, 600V (acc: ± 2% @ 600V)	200mV, 2V, 20V, 200V, 1000V (acc: ± 1.5% @1000V)
AC Voltage	200mV, 2V, 20V, 200V, 600V (acc: ± 2% @ 600V)	400mV, 4V, 40V, 400V, 600V (acc: ± 2.5% @600V)	400mV, 4V, 40V, 400V, 600V (acc: ± 2.5% @ 600V)	200V, 750V (acc: ± 2.0% @750V)
DC Current			6A, 60A, 600A (acc: ± 3% @600A)	
AC Current	2A, 20A, 200A, 400A (acc: ± 3% @ 400A)	40A, 400A, 1000A (acc: ± 3% @1000A)	6A, 60A, 600A (acc: ± 3% @600A)	20A, 200A, 1000A (acc: ± 2.5% @800A)
Resistance	200Ω, 2kΩ, 20kΩ, 200kΩ, 2MΩ, 20MΩ, (acc: ± 3% @ 20MΩ)	$\begin{array}{c} 400\Omega, 4k\Omega,\\ 40k\Omega, 400k\Omega,\\ 4M\Omega, 40M\Omega,\\ (acc:\pm 3.5\%\\ @40M\Omega) \end{array}$	$\begin{array}{c} 400\Omega, \ 4k\Omega, \\ 40k\Omega, \ 400k\Omega, \\ 4M\Omega, \ 40M\Omega, \\ (acc: \pm 3.5\% \\ @ 40M\Omega) \end{array}$	$\begin{array}{c} 200\Omega,20k\Omega,\\ 2M\Omega\\ (acc:\pm1.5\%\\ @2M\Omega) \end{array}$
Capacitance		40nF, 400nF, 4 F, 40 F, 100 F (acc: ± 5% @ 100 F)		
Size-mm (W - H - D)	50 x 200 x 35	80 x 229 x 49	80 x 229 x 49	100 x 237 x 45
Weight	200g	303g	280g	310g
Battery Type	2 x 1.5V	1 x 9V	1 x 9V	1 x 9V
<del></del>	(AAA)	(PP3)	(PP3)	(PP3)



**Autoranging Digital Clamp Meter** Expert Quality, for specification see table (left). Display carton.

Stock No.	Description	Box Qty	Price each
79000	Clamp Meter	- €8	37.58D
51348	Crocodile Clips	- 4	€6.30D
53551	Probe Set	- 4	€7.53D
61833	Batteries (4 x AAA)	- 4	€4.38D



### **Autoranging Digital Clamp Meter**

**Expert Quality**, for specification see table (left). Display carton.

Stock No.	Description	Box Qty	Price each
79002	Clamp Meter	- €	137.98D
51348	Crocodile Clips	-	€6.30D
53551	Probe Set	-	€7.53D
53552	Temperature Probe	-	€12.85D
61837	Battery (PP3)	12	€7.38D



### **Autoranging Digital Clamp Meter**

Expert Quality, for specification see table (left). Display carton.

Stock No.	Description	Box Qty	Price each
34280	Clamp Meter	- €1	69.98D
61837	Battery (PP3)	12	€7.38D



### **Autoranging Digital Clamp Meter**

For specification see table (left). Display carton.

Stock No.	Box Description Qty	Price each
04698	Clamp Meter -	€35.20D
61837	Battery (PP3) 12	€7.38D



### **Pocket Analogue Multimeter**

#### IEC61010 Specifications

Handy pocket analogue multimeter for use in electrical and automotive applications. A crocodile clip probe set is available - see entry below. Display packed.

Features: • Measures AC and DC Voltage • Measures DC current • Measures resistance • 16 position rotary function and range selector • Recessed input terminals • Test probes and lead included • Battery check facility

Specification:

61834

DC voltage ... 2.5, 10, 50, 250, 500V (acc. ±5% of full scale)
AC voltage ... 10, 50, 250, 500V

(acc. ±5% of full scale)
DC current .... 500uA, 10mA, 250mA
(acc. ±5% of full scale)

 Resistance - ohms
 ... x10, x1K (acc. ±5%)

 Size
 ... 64 x 100 x 35mm

 Battery
 ... 1 x AA (not supplied)

 
 Stock No.
 Description
 Box Qty
 Price each

 37317
 Multimeter
 2
 €18.73D

 51346
 Crocodile Clips Probe Set
 €5.60D

 37470
 Probe Set
 €4.45D

Batteries (4 x AA)

BATTERY, BULB, FUSE & CONTINUITY TESTER	
BBFC1 Battery, Bulb, Fuse and Continuity Tester Multi-purpose tester for dry cell 1.5V batteries (AAA, AA,	
C, D and button-type), 9V batteries (PP3 /6LR61), household and automotive fuses, bulbs (with bayonet fitting and push/screw type torch light bulbs). Readings show up on clear scale. There is also an audible continuity tester via test probes supplied. Size 70 x 145mm. Runs off 1 x 9V PP3/6LR61 battery (supplied).	

Box Qty

12

**DRAPER** Expert

Price

each

€22.00D

€7.38D



### **AC/DC Voltage Tester**

Twin LED indicators identify voltage between 12-600V. Suitable for testing a host of wiring around the home or workplace, vehicle circuitry and electronic equipment etc. Probes fitted to 825mm of VDE approved cable. Display packed.

 Stock No.
 Box Qty
 Price each

 51957
 - €21.23D



#### **Battery Tester**

Handy battery tester suitable for AAA, AA, C, D, PP3 and 3R12 size batteries. Size 52 x 55 x 22mm. Display packed.

Stock No.	Box Qty	Price each
72090	-	€6.15D



Description

Teste

Battery (PP3)

### 5 ST-1

### 13A Socket Tester

Display packed.

Stock No.

57574

61837

€4.38D

Expert Quality, for testing 13A sockets and RCD's rated less than 30mA. Detects the following electrical faults on sockets: true earth error (through LCD); no earth; L and N reverse; L and E reverse; E live; E open; N open and L open. Display packed.

Stock No.	Box Qty	Price each
22278	_	€27.28D



#### 13A Socket Tester

For testing 13A sockets for the following faults: no Earth; L and N reverse; L and E reverse; Neutral fault and Live fault. Display packed.

Stock No.	Box Qty	Price each
34279	_	€18.73D

### NEW





#### **LAN Tester**

Automatically runs tests for continuity, open, shorted and crossed wire pairs on Local Area Networks (LAN). Supplied with master and remote units enabling cable testing in situ and from distance with LED indicators showing malfunctions. Can be used on RJ11 and RJ45 cables. Uses PP3 battery (sold separately). Display packed.

Stock No.	Description	Box Qty	Price each
31907	Tester	10	€13.73D
61837	Battery (PP3)	12	€7.38D

## **ELECTRICAL TOOLS**



#### **DAVE SAYS**

Screwdriver type testers contain an indicator in the handle which lights up when the point is touched on voltages between 220-250V and a finger or thumb is placed on the end of the tester to create a circuit. Non-contact voltage detectors work by sensing the fluctuations in the electric field which surround AC charged objects. This means no contact with the circuit is ever needed giving the user extra safety.







#### **VDE Approved Euro Mains Testers**

Tested and approved to GS and VDE Specifications *Expert Quality*, fully insulated one piece moulding manufactured to the latest European Specifications for complete safety including anti-slip guard and pocket clip. Neon indicator will show current present in the range 125 - 250V. Supplied with 13A safety gate tool which allows testing without removing socket from wall. Display packed.

Stock	Part	Overall	Blade	Box	Price each
No.	No.	Length	Tip	Qty	
57659	EMT1	150mm	3.5mm	6	€3.53D
57660	EMT2	190mm	3.5mm	6	€4.30D





### 4 PDT

#### **Punch Down Tool**

For telephone and computer network installation and maintenance. Terminates wire and cuts off excess. Suitable for all CW1308 telecom cable. Cable locking, insertion blades and cable shears included. Display packed.

Stock No.	Box Qty	Price each
40417	10	€11.28D



### **Digital Multi-Function Tester**

Multi-functional tester with plain slot blade that allows the checking of wiring without dismantling or having any contact with live parts. Applications include 'break point' in wiring, continuity testing, bulb and fuse testing, microwave leakage, socket testing and testing for static. Fully insulated. Full instructional leaflet supplied. Supplied with 2 x 1.5V alkaline batteries. Display packed.

Stock	Overall	Blade	Box	Price each
No.	Length	Tip	Qty	
66201	182mm	3.5mm	12	€10.98D





#### 105mm Mains Tester

Tested and approved to GS Specifications

Quality tester with plain slot blade, one piece moulded insulated blade sheath and transparent plastic handle for maximum safety. Without pocket clip. Testing range 220-250V. Supplied with 13A safety gate tool which allows testing without removing socket from wall. Display packed.

Stock	Blade	Box	Price each
No.	Tip	Qty	
30493	4mm	6	€3.93D





### Non Contact Voltage Sensor

Useful tool for detecting live circuits, location of breaks in cabling, fault finding and low voltage. Adjustable sensitivity. Voltage range 5-1000V. Audio/visual signal indicates voltages present. Powered by 4 x LR44 batteries (supplied). Full instructional leaflet included. Display packed.

Stock No.	Box Qty	Price each
71389	_	€20.50D



#### Cat III 1000V Non Contact Voltage Tester

Expert Quality, non contact voltage tester with integrated inspection lamp. Suitable for identifying live wires, broken wires and fault finding. Sensitive voltage detection between the range of 100-600V. Fitted with inspection light on one end and audible/visual indicators. Powered by 2 x AAA batteries (supplied). Display packed

Stock No.	Box Qty	Price each
34278	_	€18.73D



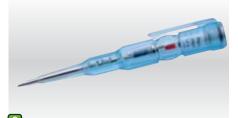


#### 63mm Mains Tester

Tested and approved to GS Specifications

Quality tester with plain slot blade, one piece moulded insulated blade sheath and transparent plastic handle for maximum safety. With pocket clip. Testing range 220-250V. Supplied with 13A safety gate tool which allows testing without removing socket from wall. Display packed.

Stock	Blade	Blade	Box	Price each
No.	Length	Tip	Qty	
11895	63mm	3mm	6	€2.40D



### 6 MT1

**Multi-Tester** 

Multi-functional tester with plain slot blade that allows the checking of wiring without dismantling or having any contact with live parts. Applications include 'break point' in wiring, continuity testing, bulb and fuse testing, microwave leakage, socket testing and testing for static. Fully insulated. Full instructional leaflet supplied. Display packed.

Stock	Blade	Blade	Box	Price each
No.	Length	Tip	Qty	
54850	45mm	4mm	12	€7.48D





VS3

#### Cat III 600V Non Contact Voltage Tester

Non contact voltage tester. Suitable for identifying live wires, broken wires and fault finding. Voltage detection between the range of 200-600V. Powered by 2 x AAA batteries (sold separately). Display packed.

Stock No.	Box Qty	Price each
34277	10	€8.73D

## VERNIER AND DIAL CALIPERS

### **DAVE SAYS**

All our Draper Expert vernier calipers are fully tested by the manufacturer to ensure high levels of accuracy and quality of materials used.



(DRAPER) Expert

If you specify a Draper vernier caliper you know it's the best!



DRAPER Expert

#### PDVC150M

#### **Dual Reading Digital Vernier Caliper**

Expert Quality, metal-bodied manufactured from brushed stainless steel. Extra large display reading 0.01mm and 0.005". Range 0-150mm/6". Supplied with SR44 battery. Display packed in plastic storage case.

Stock No.	Description	Box Qty	Price each
46610	Vernier Caliper	-	€58.08D
55361	Spare SR44 Battery	-	€4.38D



#### PVC150D

#### **Dual Reading Digital Vernier Caliper**

Expert Quality, manufactured from hardened stainless steel. Extra large display reading 0.01mm and 0.005". Range 0-150mm/6". Supplied with SR44 battery. Display packed in plastic storage case.

Stock No. Description		Box Qty	Price each
52427	Vernier Caliper	- €12	29.60D
55361	Spare SR44 Battery	- +	€4.38D





#### **Metric Dial Caliper**

Expert Quality, manufactured from hardened stainless steel. Slider displacements are amplified by a rack and pinion mechanism and indicated on the dial. Four way measurement: internal, external, depth and step. Reading 0.02mm. Slider has lockscrew function. Display packed in plastic storage case.

•	•		
Stock No.	Range	Box Qty	Price each
52417	0-150mm	_	€77.70D





#### 4 PVC150

### Vernier Caliper

Expert Quality, manufactured from hardened stainless steel. Reading 0.02mm and 1/1000". Four way measurement: internal, external, depth and step. Satin chrome plated beam with raised edges and thumblock. Display packed in plastic storage case.

Stock No.	Range	Box Qty	Price each
50590	0 -150mm/6"	- €	59.20D



#### **Vernier Calipers**

Expert Quality, manufactured from hardened stainless steel. Reading 0.02mm/1/1000". Four way measurement: internal, external, depth and step. Satin scales with fine adjustment. Fine screw adjustment. Display packed in plastic storage case.

Stock No.	Part No.	Range	Box Qty	Price each
	PVC140F PVC200F	0-140mm/5.1/2" 0-200mm/8"	_	€51.58D €62.25D



#### 6 piece Telescopic Gauge Set

Expert Quality, for measuring of bore diameter and groove width. The spring-loaded plunger expands within the hole. Knurled locking screw allows plunger contacts to be held in position, removed and measured with a micrometer. Satin chrome finish. Supplied in PVC storage wallet with ranges marked.

#### Contents:

- Gauge range: 8-13mm (5/16 1/2") Length: 115mm
- Gauge range: 13-19mm (1/2 3/4") Length: 115mm
- Gauge range: 19-31mm (3/4 1.1/4") Length: 115mm
   Gauge range: 31-54mm (1.1/4 2.1/8") Length: 145mm
- Gauge range: 54-89mm (2.1/8 3.1/2") Length: 145mm
- Gauge range: 89-150mm (3.1/2 6") Length: 145mm

Stock No.	Box Qty	Price per set
52416	_	€53.65D

# **MEASURING & GAUGE SETS**





(DRAPER) Expert

### **B**G50/160

### 50-160mm Bore Gauge Set

Expert Quality, accurately measures bores, detect tapers or ovality. 0.01mm accuracy. Display packed in storage case. Contents:

- 3mm travel dial test indicator 55mm extension bar
- 4 spacer rings size: 0.5, 1.0, 2.0 and 3.0mm
- 12 measuring rods size: 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100 and 105mm

Stock No.	Box Qty	Price per set
02753	-	€156.78D

## **PRECISION ENGINEERING**



#### **Dual Reading Digital External Micrometers**

Expert Quality, with enamelled frame, heat plates, satin chrome thimble and sleeve. Carbide tipped measuring anvils, lock and ratchet stop. Graduations 0.001mm and 0.0005". Ball end cap for measuring curved surfaces. Supplied with SR44 battery. Display packed in plastic storage case.

Stock No.	Description	Box Price Qty each
46599	M/meter 0-25mm-0-1"	- €179.95D
46600	M/meter 25-50mm-1-2"	- €187.48D
55361	Spare SR44 Battery	- €4.38D



**Expert Quality**, with enamelled frame, heat plates, satin chrome thimble and sleeve. Graduations 0.01mm. Carbide tipped anvils, lock and ratchet stop. Supplied in plastic storage case and display packed.

No.	Range	Qty each
46603	0-25mm	- €36.93D
46604	25-50mm	- €38.55D
46605	50-75mm	- €42.75D
46606	75-100mm	- €46.85D









### DRAPER Expert

#### **Dual Reading Digital Dial Test Indicator**

**Expert Quality**, dial diameter 55mm with mounting lug. 0-25mm/0-1" travel. Uses CR2032 battery (supplied). Display packed in plastic storage case.

Stock No.	Graduations		rice ach
46608	0.01mm/0.005"	<ul><li>€107.</li></ul>	08D
12282	Spare CR2032 Battery	- €2.	38D







### Dial Test Indicators

**Expert Quality**, reading 0-50. Dial diameter 55mm. Display carton.

Stock No.	Scale	Graduations	Range	Box Qty	Price each
51830	Metric	0.01mm	0-10mm		€51.60D
51831	Imperial	0.005"	0-0.1"		€59.43D



DRAPER Expert

## 6 PDG05M Metric Dial Test Indicator

**Expert Quality**, reading 0-100 in metric graduations. Range 0-5mm. Dial diameter 41mm. Display carton.

Stock No.	Graduations	Box Qty	Price each
51855	0.01mm	_	€59.38D



## **PRECISION ENGINEERING**



Expert Quality, ideal all-round kit for engineers and apprentices. Dial test indicators accuracy 0.01mm. Packed in blow mould case with display sleeve. Contents: • Metric dial test indicator (0-25mm) with plunger • Metric dial test indicator (0-2.5mm) with stylus • Magnetic stand with fine adjustment • 22 interchangeable tips for dial test indicator with plunger • 6mm and 8mm stylus' for dial test indicator clamp

Stock No.	Box Price Qty per kit	
46609	- €166.03D	



## **Magnetic Stand**

For use with dial gauges, etc. Powerful magnetic base with on/off switch. Precision ground surface. Display

Stock	Box Price
No.	Qty each
45276	- €57.30D



MB-LDFAB

#### **Magnetic Stand with Fine Adjustment**

For use with dial gauges etc. Powerful magnetic base with on/off switch. Fine adjustment screw for quick and accurate settings. Precision ground surface. Display carton.

Stock No.	Box Qty	Price each
45277	_	€59.55D



#### 150mm Spring Dividers

Fine ground with adjustment by knurled wheel. Display

Stock No.	Box Qty	Price each
34196	_	€11.95D



#### 150mm Outside Spring Calipers

Fine ground with adjustment by knurled wheel. Display

Stock No.	Box Qty	Price each
34237	_	€11.95D



#### 150mm Inside Spring Calipers

Fine ground with adjustment by knurled wheel. Display

Stock No.	Box Qty	Price each
39451	-	€11.95D



#### 20 Blade Metric Screwpitch Gauge Set

Folding leaves, individually stamped with accurately formed thread profiles. 20 blades ranging from 0.4, 0.45, 0.5, 0.6, 0.7, 0.75, 0.8, 1.0, 1.25, 1.5, 1.75, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0mm. Sold loose.

Stock No.	Box Qty	Price per set
51070	-	€8.13D



### 28 Blade UNC-UNF Screwpitch Gauge Set

Folding leaves, individually stamped with accurately formed thread profiles. American National Thread UNC-UNF, in the range 4-62TPI. Sold loose.

Stock No.	Box Qty	Price per set
51071	_	€9.68D





#### 52 Blade BSW/Metric Screwpitch Gauge Set

Folding leaves, individually stamped with accurately formed thread profiles. Ranges 4-62BSW and 0.25-6.0mm. Sold loose.

51072 – €13.2	No.	Box Qty	per set
	51072	_	€13.28D

## **PRECISION ENGINEERING**

#### PAUL SAYS

PRECISION ENGINEERS SQUARES (Stock Nos. 34049 & 34065) - Two of the few Engineers Squares that conform to BS939, workshop grade B for squareness. This guarantees the solid steel stock will never be



more or less than ±0.016mm from square. To all intents and purposes... that's square!



#### **Engineers Precision Squares**

Manufactured to BS 939 Workshop Grade B for squareness tolerance only

Solid steel stocks with hardened, tempered and finely polished blades. The squareness of the blade edges and the stock working face falls within ±0.016mm/0.0064" tolerance. Display packed.

Stock No.	Size	Box Price Qty each
34049	100mm	- €24.23D
34065	150mm	- €34 00D



#### **Universal Bevel Protractor Set**

Expert Quality, for accurate angle measurement of machines, moulds and jigs. Can also be used for assembling and machining. Fully calibrated to 360° with magnifying glass. Supplied with 300mm plain rule and acute angle attachment. Display packed in hinged plastic case.

Stock No.	Box Qty	Price per set
52430	-	€89.38D







#### 200mm Engineers Scriber

Double ended hardened scriber with straight and 90° hardened points. Display packed.

Stock No.	Box Qty	Price each
34099	_	€8.15D



#### **Protractor with Depth Gauge**

Graduated 0-180° with depth gauge 0-150mm. Display packed.

Stock No.	Box Qty	Price each
37342	2	€28.70D





#### 125mm Engineers Pocket Scriber

Reversible scriber point. Body fitted with pocket clip. Display packed.

Stock No.	Box Qty	Price each
34104	5	€8.48D





#### 150mm Carbide Tip Pocket Scriber

Plated steel body with carbide tip and pocket clip. For marking on hard and soft materials including steel and

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Stock No.	Box Qty	Price each
37349	5	€7.20D



#### **Stainless Steel Rules**

Expert Quality, precision rules manufactured from hardened stainless steel matt chrome plated. The clear black graduations of 0.5mm, mm, 0.5cm, cm and 1/64", 1/50", 1/32", 1/20", 1/16", 1/10", 1/2", and inches on the reverse are permanently etched for long service life. Packed into vinyl wallets. Display packed.



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Stock	Part	Marked	Box	Price each
No.	No.	Length	Qty	
22670	SSR6B	150mm & 6"	_	€6.40D
22671	SSR12B	300mm & 12"		€15.95D
22672	SSR24B	600mm & 24"	-	€31.85D
22673	SSR36B	1000mm & 36"	-	€61.38D





Double sided with hang hole. Permanently etched graduations of cm/mm and inches, 1/8", 1/16", 1/32" and 1/64". Display packed

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Stock	Part	Marked	Rule	Box	Price each
No.	No.	Length	Width	Qty	
59633	D17	150mm/6"	19mm	_	€3.93D
59641	D18	300mm/12"	30mm		€6.08D