

TEST TOOLS

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**Digital Multimeter**

Laser brand. 19 function digital multimeter with 4 digit LCD display. Features include

- Measures and tests -
 - AC voltage
 - DC voltage
 - DC current
 - Resistance
 - Diodes
 - Transistors
- Low battery indicator
- Test leads and battery included

Stock No	Description	Price
282275	19 Function Multimeter	6.68

**Digital Multimeter**

Laser brand. 20 function, general purpose, digital multimeter. Features include

- Measures and tests -
 - AC voltage
 - DC voltage
 - DC current
 - Resistance
 - Continuity (with buzzer)
 - Diodes
 - Transistors
 - Temperature
- Rugged housing with protective boot
- Integral stand
- Data hold
- Back light
- Low battery indicator
- Includes test leads, thermocouple and 9 V battery

Stock No	Description	Price
282280	20 Function Multimeter	19.02

**Draper Digital Multimeter**

16 function digital multimeter. Features include

- Measures and tests -
 - AC voltage
 - DC voltage
 - DC current
 - Resistance
 - Diodes
- Rugged housing with high impact protective case
- Recessed input terminals (for added safety)
- Low battery indicator
- Includes test leads and 12 V battery
- Conforms to IEC 61010-1

Stock No	Model No	Price
284800	DMMT	12.78

Dimensions 55 x 112 x 40 mm (W x H x D)
Weight 70 g

For full specifications, see Digital Multimeter Table on www.draper.co.uk

**Draper Digital Multimeter**

20 function digital multimeter. Features include

- Measures and tests -
 - AC voltage
 - DC voltage
 - DC current
 - Resistance
 - Continuity (with buzzer)
 - Diodes
 - Transistors
- Rugged housing with high impact protective case
- Integral stand
- Recessed input terminals
- Data hold
- Back light
- Low battery indicator
- Includes test leads and 9 V battery
- Conforms to IEC 61010-1

Stock No	Model No	Price
284801	DMM1A	15.54

Dimensions 68 x 140 x 45 mm
Weight 220 g

For full specifications, see Digital Multimeter Table on www.draper.co.uk

**Draper Digital Multimeter**

20 function digital multimeter. Features include

- Measures and tests -
 - AC voltage
 - DC voltage
 - DC current
 - Resistance
 - Continuity (with buzzer)
 - Diodes
 - Battery test (1.5 V to 9 V)
- Rugged housing with high impact protective case
- Integral stand
- Recessed input terminals
- Large, easy-to-read, LCD display
- Data hold
- Back light
- Low battery indicator
- Includes test leads and 9 V battery
- Conforms to IEC 61010-1

Stock No	Model No	Price
284802	DMM2B	23.82

Dimensions 75 x 155 x 46 mm
Weight 442 g

For full specifications, see Digital Multimeter Table on www.draper.co.uk

**Stock No 284802**



Draper Autoranging Multimeter

Autoranging digital multimeter. Features include

- Measures and tests -
 - AC and DC voltage
 - AC and DC current
 - Resistance
 - Capacitance
 - Frequency
 - Duty Cycle
 - Continuity (with buzzer)
 - Diodes
 - Transistors
 - Temperature
- Rugged housing with high impact protective case
- Integral stand
- Recessed input terminals
- Large, easy-to-read, LCD display
- Data hold and relative hold
- Back light
- Auto power off
- Low battery indicator
- Includes test leads, temperature probe and 9 V battery
- Conforms to IEC 61010-1

Stock No	Model No	Price
284803	DMM6B	38.60

Dimensions 75 x 155 x 45 mm
Weight 200 g

For full specifications, see Digital Multimeter Table on www.draper.co.uk

Stock No 284805



Draper Autoranging Clamp Meter

Autoranging digital multimeter with integral clamp AC ammeter. Features include

- Measures and tests -
 - AC and DC voltage
 - AC current
 - Resistance
 - Continuity (with buzzer)
 - Diodes
- Recessed input terminals
- Large, easy-to-read, LCD display
- Data hold and max hold
- Back light
- Auto power off
- Low battery indicator
- Max cable diameter 29 mm
- Includes storage case, test leads and 9 V battery
- Conforms to IEC 61010-1

Stock No	Model No	Price
284804	DMM8B	38.58

Dimensions 50 x 200 x 35 mm
Weight 200 g

For full specifications, see Digital Multimeter Table on www.draper.co.uk



Draper Autoranging Clamp Meter

Autoranging digital multimeter with integral clamp AC ammeter. Features include

- Measures and tests -
 - AC and DC voltage
 - AC current
 - Resistance
 - Capacitance
 - Frequency
 - Duty Cycle
 - Continuity (with buzzer)
 - Diodes
 - Temperature
- Recessed input terminals
- Large, easy-to-read, LCD display
- Data hold
- Back light
- Low battery indicator
- Max cable diameter 35 mm
- Includes storage case, test leads, temperature probe and 9 V battery
- Conforms to IEC 61010-1

Stock No	Model No	Price
284805	DMM9B	57.90

Dimensions 80 x 229 x 49 mm
Weight 303 g

For full specifications, see Digital Multimeter Table on www.draper.co.uk



Draper Clamp Meter

Economy digital multimeter with integral clamp AC ammeter. Features include

- Measures and tests -
 - AC and DC voltage
 - AC current
 - Resistance
 - Continuity (with buzzer)
 - Insulation tester
- Recessed input terminals
- Data hold
- Low battery indicator
- Max cable diameter 40 mm
- Includes storage case, test leads and 9 V battery
- Conforms to IEC 61010-1

Stock No	Model No	Price
284806	DCM1	12.77

Dimensions 90 x 229 x 38 mm
Weight 310 g

For full specifications, see Digital Multimeter Table on www.draper.co.uk



Draper Digital Automotive Analyser

Digital multimeter designed for automotive use. Features include

- Measures and tests -
 - DC voltage
 - DC current
 - Resistance
 - Dwell angle
 - Tachometer readings
 - Continuity (with buzzer)
 - Diodes
- Rugged housing with impact-resistant protective case
- Tilting stand
- Recessed input terminals (for added safety)
- Large LCD screen with backlight
- Low battery indicator
- Includes soft storage case, test leads (probes and crocodile clips) and 9 V battery

Stock No	Model No	Price
337178	DMM5	29.93

Dimensions 70 x 147 x 39 mm
Weight 189 g

For full specifications, see Electrical and Diagnostic Tools on www.draper.co.uk



Draper Autoranging Automotive Analyser

Digital multimeter designed for automotive use. Features include

- Measures and tests -
 - AC and DC voltage
 - AC and DC current
 - Resistance
 - Dwell angle
 - Frequency
 - Duty Cycle
 - Temperature
 - Tachometer readings
 - Continuity (with buzzer)
 - Diodes
- Rugged housing with impact-resistant protective case
- Tilting stand
- Recessed input terminals
- Large LCD screen with bar graph and backlight
- Heavy duty inductive pick up
- Low battery indicator
- Includes test leads (probes and crocodile clips), temperature probe and 9 V battery

Stock No	Model No	Price
337182	DMM14	56.01

Dimensions 91 x 189 x 32 mm
Weight 189 g (analyser only)

For full specifications, see Electrical and Diagnostic Tools on www.draper.co.uk



Automotive Fuse Adaptor Test Leads

Draper brand. For measuring circuit current at the fuse point in conjunction with Draper multimeters. Spade terminals plug directly into fuse socket recess

Stock No	Length	Terminal Size	Price
337232	750 mm	3 mm	10.32
337233	750 mm	5 mm	10.32

Stock No 337182



Fuse Blade Automotive Amperage Testers

Draper brand. For accurate measurement of circuit current at the fuse point. Features include

- Plugs directly into fuse socket recess
- LCD screen shows readings
- Includes 750 mm cable and 12 V battery
- 12 - 48 V / 20 A measuring range

Stock No	Spade Terminal Size	Price
337234	3 mm	15.45
337235	5 mm	15.45



Wire Piercing Guide Cap

Draper brand. Quickly guides the point of a test probe onto the centre of all 12 V automotive wires. Three wire gauge sizes

Stock No	Description	Price
337236	Automotive Wire Piercing Guide	5.47



Draper LAN Tester

For testing Local Area Networks. Features include

- Tests cables at a distance and in places that are not easily accessible
- Automatically runs all tests for continuity, open, shorted and crossed wire pairs. LED indicator shows malfunctions
- Slow and fast switch
- Use on RJ11, RJ12, 10 Base T and token ring cables
- Uses PP3 batteries (not included)

Stock No	Description	Price
284807	LAN Tester	11.04



Draper Euro Maintesters

VDE approved maintester. Features include

- One-piece moulded blade and handle insulation for complete safety
- Anti-slip guard
- Test range 125 to 250 V
- Includes 13 A safety gate opener to facilitate testing

Stock No	Overall Length	Tip Width	Price
062225	150 mm	3 mm	2.42
062226	190 mm	3.5 mm	2.98



Draper Multi-Function Tester

Multi-function tester with plain slot screwdriver blade. Tests wiring and appliances without dismantling or contacting live parts. Full instructions enclosed.

Applications include

- Mains testing
- Continuity testing
- Locating break point in cables
- Socket outlet testing
- Bulb and fuse testing
- Microwave leakage detection
- Static electricity detection

Stock No	Overall Length	Tip Width	Price
062220	136 mm	4 mm	4.00



Draper Digital Multi-Function Tester

Digital multi-function tester with plain slot screwdriver blade. Tests wiring and appliances without dismantling or contacting live parts. Full instructions enclosed.

Applications include

- Mains testing
- Continuity testing
- Locating break point in cables
- Socket outlet testing
- Bulb and fuse testing
- Microwave leakage detection
- Static electricity detection
- Supplied with two 1.5 V alkaline batteries

Stock No	Overall Length	Tip Width	Price
062221	182 mm	3.5 mm	6.28



Draper Non-Contact Voltage Detector

Highly sensitive, non-contact, AC voltage detector.

Features include

- Detects live circuits in walls
- Locates break points in cables
- Audio-visual signal indicates presence of AC voltages
- Adjustable sensitivity
- Powered by 4 x LR44 batteries (included)

Stock No	Voltage Range	Price
073301	5 - 1000 V AC	9.95



Draper Non-Contact Voltage and Metal Detector

Highly sensitive, non-contact, AC voltage and metal detector. Features include

- Detects live circuits, metal pipes and metal studs in walls
- Locates break points in cables
- Continuity testing
- Microwave leakage testing
- Audio-visual signal indicates presence of AC voltages or metal objects (Different signals for voltage and metal objects)
- Adjustable sensitivity
- Full instructions included
- Powered by 2 x LR44 batteries (included)

Stock No	Voltage Range	Price
073305	5 - 1000 V AC	11.06



Draper AC/DC Voltage Detector

Suitable for testing domestic wiring, automobile circuitry and electronic equipment. Features include

- LEDs indicate voltage
- Insulated test probes and VDE harmonised lead
- Supplied with 13 A safety gate opener
- Voltage range: 4.5 to 400 V DC
120 to 400 V AC (50-60 Hz)

Stock No	Cable Length	Price
073302	1.2 m	9.34



Draper Metal, Voltage and Stud Detector

Detects electric cables (live and dead), metal pipes, metal studs, wood battens and wood studs. Features include

- Fast, accurate and easy to use
- Energy efficient LEDs and buzzer indicators
- Distinct and different audio-visual signals for voltages, metal objects and wood studs
- Maximum depth of detection 27 mm
- Full instructions included
- Powered by PP3 battery (not included)

Stock No	Size	Price
073310	175 x 110 x 32 mm	19.33



Draper Voltage and Stud Detector

Detects electric cables (live and dead), metal pipes and metal studs. Features include

- Fast, accurate and easy to use
- Energy efficient LEDs and buzzer indicators
- Distinct and different audio-visual signal for voltages and metal objects
- Maximum depth of detection 27 mm
- Full instructions included
- Powered by PP3 battery (not included)

Stock No	Size	Price
073300	150 x 80 x 22 mm	12.13



Draper Metal, Voltage and Stud Detector

Detects electric cables, metal pipes, metal studs, wood battens and wood studs. Detector is set to 'Metal', 'Stud' or 'AC' and run across the work area. A series of ascending bars will show on the LCD screen together with a beeping sound as the hidden object is approached and located. Full instructions enclosed. Powered by PP3 battery (not included)

Stock No	Size	Price
073303	135 x 65 mm	27.93



Draper Distance Estimator

Measures lengths and distances and calculates areas and volumes. Features include

- Class 3A laser pointer
- Clear LCD screen
- Built-in calculator (with metre/feet conversion)
- Wooden stud detection (up to 19 mm deep) with audible indicator
- Full instructions enclosed
- Powered by PP3 battery (not included)

Stock No	Range	Price
210398	0.6 - 15 m 2 - 50 ft	29.61

Accuracy ±0.5%
Resolution 0.01 m / 1"
Dimensions 125 x 60 x 40 mm



Stock No 210398



Draper Damp Detector

Detects rising and penetrating damp in foundation walls, plaster, floors and timber. Features include

- Use to check dryness of surfaces before painting, varnishing, papering or tiling
- Audible signal indicates the presence of damp
- Slow ticking indicates slightly higher than normal levels of moisture. Clicking increases in speed as moisture level rises
- Continuous tone indicates high levels of moisture. Tone increases in pitch as moisture level rises
- Full instructions included
- Powered by PP3 battery (not included)

Stock No	Size	Price
073320	140 x 60 x 20 mm	13.82



Draper Damp, Metal and Voltage Detector

Detects damp and locates electric cables, metal pipes and metal studs in walls. Features include

- Audible signal indicates the presence of damp. Signal increases in intensity as moisture level rises
- Selector switch for metal or voltage detection. Distinct and different audio-visual signals for voltages and metal objects
- Full instructions included
- Powered by PP3 battery (not included)

Stock No	Size	Price
073321	150 x 65 x 22 mm	23.71

Stock No 282265



Draper Multi-Purpose Tester

Battery, bulb, fuse and continuity tester. Features include

- Tests -
 - 1.5 V and 9 V batteries (AAA, AA, C, D, button-type, PP3)
 - Bayonet fitting and screw type light bulbs
 - Household and automotive fuses
 - Continuity (audible signal) via test probes
- Readings shown on clear scale
- Powered by PP3 battery (supplied)

Stock No	Size	Price
284808	70 x 145 mm	11.06



Sealey 13A Socket Tester

Socket tester for 230 V 13 A sockets. Features include

- 14 function tester
- Clear LED indicator of error-free wiring, plus diagnosis of 13 fault conditions
- Tough, smooth-contoured construction

Stock No	Description	Price
282262	14 Function Socket Tester	11.16



Sealey 13A Socket Tester

Socket tester for 230 V 13 A sockets. Features include

- 18 function tester
- Clear LED and audible indicators of error-free wiring, plus diagnosis of 17 fault conditions
- Built-in, self-test facility
- Tough, smooth-contoured construction

Stock No	Description	Price
282263	18 Function Socket Tester	19.96



Sealey 16A Socket Tester

Socket tester for 230 V 16 A sockets. Features include

- 18 function tester
- Clear LED and audible indicators of error-free wiring, plus diagnosis of 17 fault conditions
- Tough, smooth-contoured construction

Stock No	Description	Price
282265	230V/16A Socket Tester	29.96



Sealey 16A to 32A Socket Adaptor

Adaptor that enables appliances with 16 A plugs to be used on 32 A sockets. Allows the 16 A socket tester to test 32 A sockets

Stock No	Voltage	Price
282267	230 V	19.96



Sealey 13A Socket Opener

Tough, polycarbonate 13 A socket gate opener. The safe way for a qualified electrician to open socket shutters

Stock No	Description	Price
282268	Socket Gate Opener	0.85



Sealey Moisture Meter

Moisture meter with LED display. Indicates moisture content of timber in the range 8 to 22%. Colour coded ranges for readings taken on plaster or brick

Stock No	Model No	Price
282273	AK2020	43.96



Di-Log Voltage Detector

Non-contact visual and audible indication of AC voltages. Features include

- Clear flashing beacon
- Quick and accurate detection of cable breaks
- Phase detection of sockets
- On/off switch
- Powered by 2 x AAA batteries (included)
- Conforms to IEC 1010 and EN 61010

Stock No	Voltage Range	Price
282330	90 - 1000 V AC	16.85

Frequency	50 to 500 Hz
Operating Temperature	-10 to +50°C
Overvoltage Category	CAT IV / 1000 V
Dimensions	150 x 25 x 20 mm
Weight	50 g



Beha Voltage and Continuity Tester

Beha Unitest® voltage and continuity tester. Features include

- 7-stage LED display for the following voltages 12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V
- Automatic AC/DC recognition
- Automatic polarity indication
- Continuity test (with audio-visual indication)
- Patented rotary-field indication. No 'third hand' required
- Single pole test for phase detection
- Automatic internal load (for tripping 30 mA RCD)
- Fully operational voltage indication without batteries
- Conforms to EN 61010, En 60529, IEC 61243-3
- Ingress protection IP65

Stock No	Voltage Range	Price
282274	12 - 690 V AC/DC	96.49

Operating Temperature	-10 to +55°C
Overvoltage Category	CAT III / 690 V CAT IV / 600 V
Dimensions	240 x 56 x 24 mm
Weight	180 g

Stock No 288000



**We accept Visa and Mastercard
Debit and Credit Cards**





Fluke 280 Series Digital Multimeters

The new Fluke 287/289 true-RMS digital multimeters were designed for those of you at the top of your field. The instruments replace the popular 180 Series, with all the same features, plus more. The two multimeters perform advanced unattended data logging, and show trend data on screen without having to download to a PC. TrendCapture helps engineers and technicians track down problems faster during (for example) preventive and predictive maintenance. An extra-large screen shows results graphically, backed by an enhanced user interface with on-board help (i-info key) available in seven languages, and soft-key interface. Both meters can log multiple sessions unattended in the field, with logged readings being reviewed without a PC. Both come with a lifetime warranty. Features include

- Large 50,000 count, 1/4 VGA display with white backlight for fast, accurate viewing of measurements
- Logging Function with TrendCapture plots measurements as a single line to help detect anomalies over time, storing up to 10,000 readings. Using on-board TrendCapture, you can graphically view logged readings on the meter
- "i" button : Unsure about a measurement function? Select it, then press the "i" button for instant access to onboard help screens
- Log multiple sessions or log data continuously for over 200 hours
- LoZ low input impedance prevents false readings due to "ghost voltage." It is also the recommended mode when testing for absence or presence of live power (289 only)
- Low Pass filter helps you make accurate voltage and frequency measurements on adjustable speed motor drives and other electrically noisy equipment (289 only)
- 50 Ohm Range useful for measuring and comparing differences in motor winding resistance, low ohm measurements, or other contact resistance (289 only)
- Soft keys and scroll buttons for easy navigation control, access to secondary functions
- Field upgradeable and expandable meter lets you stay current as new capabilities are added
- Events and trends recording helpful for trouble shooting intermittent problems or profiling loads
- CAT III 1000 V
- CAT IV 600 V
- Included accessories : L71 test leads, probe holder, 6 AA batteries (installed), user manual, Calibration Certificate Sheet

Features	Fluke 287	Fluke 289
Bandwidth: 100 kHz	•	•
Voltage: 1000 V (0.001 mV to 1000.0 V)	•	•
Current: 10 A (0.01 µA to 10.000 A)	•	•
Resistance: 500 MΩ (0.01 Ω to 500.0 MΩ)	•	•
Continuity/Diode	•	•
Conductance: 0.01 nS to 50.00 nS (20 MΩ to 100 GΩ)	•	•
Capacitance: 1 pF to 100mF (0.001 nF to 100.0 mF)	•	•
Frequency 1 MHz (0.001 Hz to 999.99kHz)	•	•
Min/Max/Average, Hold, Auto and Manual Range	•	•
Temperature: -200.0 °C to +1350.0 °C (Display °C or °F) (dBm), Selectable References or (dBV)	•	•
Peak/Crest Factor 250 µs Peak Min or Max (From 1.0 to 4.0)	•	•
Duty Cycle: 1 % to 99 %	•	•
Low Pass Filter	N/A	•
Resistance Low Ohm: (0.001 Ω to 50.000 Ω 10 mA source)	N/A	•
LoZ	N/A	•

CONTINUED >

Fluke 280 Series Digital Multimeters CONTINUED >

280 Series Multimeters

Stock No	Description	Price
288000	Fluke 287	381.00
288001	Fluke 289	411.00

Battery Life 50 hours minimum
180 hours in logging mode
Size (H x W x D) 222 x 102 x 60 mm
Weight 0.871 kg
Warranty Lifetime

287/FVF Multimeter Combo Kit

Stock No	Description	Price
288002	Fluke 287/FVF	443.00

Fluke 289 True-RMS Multimeter
FVF-SC2 FlukeView Forms Software and cable
80BK Integrated DMM Probe (Type K)
CAT III 300 V 10 A Modular Test Leads (red, black)
CAT II 300 V 5 A Alligator Clips (red, black)
C280 Soft case

289/FVF Multimeter Combo Kit

Stock No	Description	Price
288003	Fluke 289/FVF	473.00

Fluke 289 True-RMS Multimeter
FVF-SC2 FlukeView Forms Software and cable
TL71 Silicon Test Lead Set
AC72 Alligator Clips
80BK Integrated DMM Probe (Type K)
TPAK ToolPak Meter Hanging Kit
C280 Soft case

Soft Meter Case

Stock No	Model No	Price
288009	C280	43.00

Recommended accessories for the 280 series include :
TLK287 Electronic Test Lead Kit
TLK289 Industrial Test Lead Kit
FVF-SC2 FlukeView Forms software including IR/USB cable
TPAK Magnetic Hanger
i400 Current Clamp

For full specifications see www.fluke.co.uk



Fluke 80 Series V Digital Multimeters

The Fluke 80 Series V have improved measurement functions, troubleshooting features, resolution and accuracy to solve more problems on motor drives, in plant automation, power distribution, and electromechanical equipment. The Fluke 87V has a unique function for accurate voltage and frequency measurements on adjustable speed motor drives and other electrically noisy equipment. A built-in thermometer conveniently allows you to take temperature readings without having to carry a separate instrument. Features include

- Large display with analog bargraph and 2 level bright white backlight
- Auto and manual ranging for maximum flexibility
- Relative mode to remove test lead resistance from low ohms measurements
- Min-Max-Average recording with Min/Max Alert to capture variations automatically
- AutoHOLD® to capture stable readings avoiding noisy signals
- Audible continuity, diode test and duty cycle
- Input Alert

CONTINUED >

Fluke 80 Series V Digital Multimeters CONTINUED >

- "Classic" design with new removable holster with built in test lead and probe storage
- Improved selectable sleep mode for long battery life
- Easy battery exchange without opening the complete case
- ATEX safety rating II 2 G Eex ia IIC T4 (87V Ex only)
- CAT III 1000 V
- CAT IV 600 V
- Included Accessories : TL75 test leads, AC72 alligator clips, yellow holster (H80M excl. TPAK), 80BK temperature probe (87V only), 9 V battery (installed), CD-ROM (user's manual and technical notes) and operator's guide

Features	83V	87V/87V Ex
True-RMS voltage and current for accurate measurements on non linear signals		•
Bandwidth (voltage/current)	5 kHz	20 kHz
Digital display counts (default/selectable)	6000	20000/6000
Selectable filter for accurate voltage and frequency measurements on motor drives		•
Large display with analog bargraph and 2 level bright white backlight	•	•
Auto and manual ranging for maximum flexibility	•	•
Built-in thermometer lets you carry one less tool		•
Peak capture to record transients as fast as 250 µs		•
Relative mode to remove test lead resistance from low ohms measurements	•	•
Min-Max-Average recording with Min/Max Alert to capture variations automatically	•	•
AutoHOLD® to capture stable readings avoiding noisy signals	•	•
Audible continuity, diode test and duty cycle	•	•
Input Alert	•	•
"Classic" design with new removable holster with built in test lead and probe storage	•	•
Improved selectable sleep mode for long battery life	•	•
Easy battery exchange without opening the complete case	•	•
ATEX safety rating II 2 G Eex ia IIC T4		87V Ex

80 Series Multimeters

Stock No	Description	Price
288010	Fluke 83V	286.00
288011	Fluke 87V	350.00
288012	Fluke 87V Ex	779.00

Battery Life Over 400 hours typical (alkaline)
Size (H x W x D) 200 x 95 x 48 mm
Weight 0.6 kg
83V/87V Lifetime Warranty
87V Ex One Year Warranty

87V/E2 Industrial Electricians Combo Kit

Stock No	Description	Price
288013	Fluke 87V/E2	396.00

Fluke 87V True RMS Multimeter
TL224 SureGrip™ Silicone Test Lead Set
TP38 Slim Reach Test Probe Set (insulated)
AC220 SureGrip™ Alligator Clip Set
TPAK Magnetic Hanger
80BK Integrated DMM Temperature Probe
C35 Soft Meter Case

87V/i410 Combo Kit for Industrial Applications

Stock No	Description	Price
288014	Fluke 87V/i410	380.00

Fluke 87V True RMS Multimeter
TL75 Test Leads
AC72 Alligator Clips
i410 400 A AC/DC Current Clamp
80BK Temperature Probe
C15 Soft Carrying Case

CONTINUED >

Fluke 80 Series V Digital Multimeters CONTINUED >

Soft Meter Case

Stock No	Model No	Price
288019	C25	36.00

Recommended accessories for the 80 series include :
TL238 SureGrip™ High Energy Test Lead Kit
L215 SureGrip™ Kit with Probe Light and Extender
i410/i1010 Current Clamps
TPAK Magnetic Hanger

For full specifications see www.fluke.co.uk



Fluke 170 Series Digital Multimeters

These meters have the features needed to find most electrical, electro-mechanical and heating and ventilation problems. They are simple to use and have significant improvements over Fluke's original 70 Series like, True-RMS, more measurement functions, conformance to the latest safety standards, and a much larger display that's easier to view. Features include

- True-RMS measurements
- 6000 Digital display counts, updates 4 times per second
- Display backlight (177 & 179 only)
- Analog bargraph / segments, updates 40 times per second
- Auto and Manual ranging
- Display Hold and AutoHOLD®
- Min-Max-Average recording mode with Min/Max Alert
- Temperature readings (bead thermocouple probe included) (179 only)
- Smoothing mode allows filtering of rapidly changing inputs
- Audible continuity and diode test
- Test lead alert
- Unsafe voltage alert warns for voltages above 30 V
- Low battery indication
- Ergonomic case with integrated holster
- Easy battery and fuse exchange without opening the complete case
- Selectable sleep mode preserves battery life
- CAT III 1000 V
- CAT IV 600 V
- Included Accessories : Test leads with 4 mm lantern tips and protective cap, installed 9V battery and users manual. The 179 also includes the 80BK temperature probe.

Features	175	177	179
True-RMS measurements	AC 6000	AC 6000	AC 6000
Digital display counts, updates 4 times per second			
Display backlight		•	•
Analog bargraph/segments, updates 40 times per second	33 segments	33 segments	33 segments
Auto and Manual ranging	•	•	•
Display Hold and AutoHOLD®	•	•	•
Min-Max-Average recording mode with Min/Max Alert	•	•	•
Temperature readings (bead thermocouple probe included)			•
Smoothing mode allows filtering of rapidly changing inputs	•	•	•
Audible continuity and diode test	•	•	•
Test lead alert	•	•	•

CONTINUED >

Fluke 170 Series Digital Multimeters CONTINUED >

Features	175	177	179
Unsafe voltage alert warns for voltages above 30V	•	•	•
Low battery indication	•	•	•
Ergonomic case with integrated holster	•	•	•
Easy battery and fuse exchange without opening the complete case	•	•	•
Selectable sleep mode preserves battery life	•	•	•

170 Series Multimeters

Stock No	Description	Price
288020	Fluke 175	188.00
288021	Fluke 177	216.00
288022	Fluke 179	238.00

Battery Life Alkaline, 200 hours typical
Size (H x W x D) 190 x 85 x 45 mm
Weight 0.42 kg
Warranty Lifetime

179/EDA2 Combo Kit

Stock No	Description	Price
288023	Fluke 179/EDA2	274.00

Fluke 179 True RMS Multimeter
TL 224 SureGrip™ Silicone Test Lead Set
TL910 Electronic Test Probe Set
AC280 SureGrip™ Hook Clip Set
TPAK Magnetic Hanger
80BK Integrated DMM Temperature Probe
C35 Soft Meter Case

179/MAG2 Combo Kit

Stock No	Description	Price
288024	Fluke 179/MAG2	271.00

Fluke 179 True RMS Multimeter
TL224 SureGrip™ Silicone Test Lead Set
AC220 SureGrip™ Alligator Clip Set
TP4 Slim Reach Test Probe Set (4 mm)
TPAK Magnetic Hanger
80BK Integrated DMM Temperature Probe
C35 Soft Meter Case
Maglite Flashlight

Soft Meter Case

Stock No	Model No	Price
288029	C90	24.00

Recommended accessories for the 170 series include :
i400 Current Clamp
TLK220 EUR SureGrip™ Accessory Kit
SV225 Stray Voltage Adaptor
i410/i1010 Current Clamps

For full specifications see www.fluke.co.uk



Stock No 288030



Fluke 110 Series Digital Multimeters

The 110 Series comprises of five true-RMS DMMs each designed for specific users, so one is sure to match your needs. The compact instruments offer convenient one-handed operation and feature a backlit display with large, easy-to-read digits. They are

Fluke 117 Electrician's Multimeter with Non-Contact Voltage

For electricians working in commercial and noncommercial premises (like hospitals and schools), the 117 is recommended. It includes extras like non-contact voltage detection to help get the job done faster and safer.

Fluke 116 Multimeter with Temperature and Microamps

The 116 is for heating, ventilation and air conditioning (HVAC) engineers. It includes temperature measurement and microamp current ranges to quickly troubleshoot HVAC problems.

Fluke 115 Multimeter for Field Service Testing

An everyday multimeter for technicians, the 115 is optimized for electrical and electronic testing in field service, industrial, and applications where more than basic functionality (such as measurement of ac/dc current) simplifies working.

Fluke 114 Electrical Multimeter

The 114 is ideal for electrical troubleshooting and straightforward 'go/no-go' testing in residential/commercial electrical testing. It has all the basic functions plus a special feature to prevent false readings caused by ghost voltage.

Fluke 113 Multimeter

The 113 is for basic electrical tests and repairing most electrical problems. Features include Fluke's VCHEK. added measurement functions, backlight and conformance to the latest safety standards

- CAT III 600 V
- Included Accessories : Test leads with 4 mm lantern tips and protective cap, holster, installed 9 V battery and users manual

Features	113	114	115	116	117
True RMS readings	AC 6000	AC 6000	AC 6000	AC 6000	AC 6000
Counts					
Backlight	•	•	•	•	•
Analog bargraph	•	•	•	•	•
AutoVolt: Automatic AC/DC voltage selection		•		•	•
VoltAlert™, Non-contact voltage detection					•
Built-in thermometer for HVAC applications				•	
LoZ: low input impedance to prevent ghost voltage		•		•	•
VCHEK™ LoZ low impedance measurement function	•				
Min/Max/Average to record signal fluctuations	•	•	•	•	•
Resistance, continuity	•	•	•	•	•
Frequency, Capacitance, Diode test	•	•	•	•	•
Microamps to test flame sensors				•	
Display hold	•	•	•	•	•
Auto/manual ranging	•	•	•	•	•
Low battery indication	•	•	•	•	•
Compact case with removable holster	•	•	•	•	•

CONTINUED >

Fluke 110 Series Digital Multimeters CONTINUED >

110 Series Multimeters

Stock No	Description	Price
288030	Fluke 117	162.00
288031	Fluke 116	158.00
288032	Fluke 115	142.00
288033	Fluke 114	116.00
288034	Fluke 113	102.00

Battery Type 9 volt Alkaline, 400 hours typical
 Size (H x W x D) 167 x 84 x 46 mm
 Weight 0.55 kg (including batteries)
 Warranty 3 Years

117/322 Electricians Combo Kit

Stock No	Description	Price
288035	Fluke 117/322	219.00

Fluke 117 True RMS Multimeter
 Fluke 322 Clamp Meter
 TL75 Hard Point Test Lead Set
 TPAK Magnetic Hanger
 C115 Deluxe carrying case with shoulder strap

Soft Meter Case

Stock No	Model No	Price
288039	C50	24.00

Recommended accessories for the 110 series include:
 TL233 SureGrip™ Electrical Test Lead Kit
 MC6 MeterCleaner™ Wipes
 TPAK Magnetic Hanger

For full specifications see www.fluke.co.uk



Fluke 77-IV Digital Multimeter

The Fluke 77-IV digital multimeter has the features needed to repair most electrical and electronic problems. This meter is simple to use and has significant improvements over Fluke's original 70 Series with more measurement functions, conformance to the latest safety standards, and a much larger display that's easier to view. Features include

- Large display
- Backlight for work in dim areas
- Min / Max to record signal fluctuations
- Auto and Manual ranging
- Meets 1000 V CAT III & Category IV 600 V safety standards
- Voltage DC Range: 6.000 V - 1000 V
- Voltage AC Range: 600.0 mV - 1000 V
- Amps AC Range: 60.00 mA - 10 A
- Amps DC Range: 60.00 mA - 10 A
- Resistance Range: 600.0 Ω - 50 MΩ
- Included Accessories: TL75 test leads, installed 9 V battery & Fluke 77-IV users manual

Features	77 IV
Digital display counts	6000
Large display with backlight	•
Min-Max-Average recording mode with Min/Max Alert	•
High contrast digital display with large digits	•
Analog bargraph / segments	•
Auto and Manual ranging	•
Automatic Touch Hold®	•
Audible continuity / diode test	•

CONTINUED >

Fluke 77-IV Digital Multimeters CONTINUED >

Features	77 IV
Ergonomic case with integrated holster	•
Sleep mode preserves battery life	•
EN 61010-1 safety rating	CAT IV 600V / CAT III 1000V

77-IV Digital Multimeter

Stock No	Description	Price
288040	Fluke 77-IV	250.00

Battery Life 400 hours typical
 Size (H x W x D) 185 x 90 x 43 mm
 Weight 0.42 kg
 Warranty Lifetime

Soft Meter Case

Stock No	Model No	Price
288029	C90	24.00

For full specifications see www.fluke.co.uk



Fluke 6.5 Digit Precision Multimeters

The Fluke 8845A and 8846A 6.5 digit precision multimeters have the precision and versatility to handle your most demanding measurements, on the bench or in a system. These meters are both high performance and feature rich, yet also remarkably easy to use.

These digital multimeters perform the functions you would expect to see in a multifunction DMM, including measuring volts, ohms, and amps. Basic V DC accuracy of up to 0.0024 %, 10 A current range, and a wide ohms range give you an unbeatable combination of measurement capability. You can also use the 8845A and 8846A to measure frequency and period. In addition, the 8846A measures temperature and capacitance.

The functions of a counter, capacitance meter, and thermometer are built in for unparalleled versatility. Extend the meters' utility even more with their graphical display modes, including Trendplot paperless recorder mode, statistics and histograms-features you won't find on other multimeters. Of course, these meters are also durable and dependable, features you expect from any Fluke meter. This unique combination of features and performance makes the 8845A and 8846A an unbeatable value for a wide variety of applications, including manufacturing test, research and development, and service. Features include

- 6.5 digit resolution
- Basic V DC accuracy of up to 0.0024 %
- Dual display
- 100 µA to 10 A current range, with up to 100 pA resolution
- Wide ohms range from 10 Ω to 1 GΩ with up to 10 µΩ resolution
- 2 x 4 ohms 4-wire measurement technique
- Both models measure frequency and period
- 8846A also measures capacitance and temperature
- USB memory drive port (8846A only)
- Fluke 45 and Agilent 34401A emulation
- Graphical display
- Trendplot™ paperless recorder mode, statistics, histogram
- CAT I 1000 V
- CAT II 600 V
- Included accessories: LCI Line Power Cord, TL71 Test Lead Set, Spare Line Power Fuse, Programmers Manual/User Manual on CD-ROM, FVF-BASIC Fluke View Forms Software Basic Version

CONTINUED >

Fluke 6.5 Digit Precision Multimeters CONTINUED >

Features	8845A / 8846A	8846A only
Display	Dual VFD Dot Matrix	
Resolution	6.5 Digits	
Measurement Rate (Rdgs/s)	1000	
Continuity / Diode Test	Yes	
Analytical Functions	Statistics, Histogram, TrendPlot™, Limit Compare	
Math Functions	NULL, Min/Max, dB/dBm	
USB Device Port		USB Memory Drive Port Yes
Real Time Clock		
Interfaces	RS232, IEEE-488.2, Ethernet	
Programming Languages & Emulation Modes	SCPI (IEEE-488.2), Agilent 34401A, Fluke 45	
Safety	Designed to comply with IEC 61010-12000-1, ANSI / ISA-S82.01-1994, CAN / CSA-C22.2 No.1010.1-92 1000V CATI / 600V CATII	

8845A/8846A 6.5 Digit Precision Multimeters

Stock No	Description	Price
288050	Fluke 8845A	710.00
288052	Fluke 8846A	938.00

Size (H x W x D) 88 x 215 x 296 mm
 Weight 3.6 kg
 Warranty 1 Year

8845A/8846A 6.5 Digit Precision Multimeters

- With software and cable

Stock No	Description	Price
288051	Fluke 8845A/SU	841.00
288053	Fluke 8846A/SU	1069.00

Hard Case

Stock No	Model No	Price
288059	884X-CASE	298.00

Recommended Accessories include
 TL2X4W-TWZ 2 x 4 Wire Ohms Tweezer Test Leads
 TL2X4W-PT II 2 x 4 Wire Ohms Test lead 2mm Probe Tip
 884X-512M USB Memory 512M
 FVF-UG FlukeView Forms Software Upgrade

For full specifications see www.fluke.co.uk

Stock No 288040





Fluke 5.5 Digit Precision Multimeter

The Fluke 8808A multimeter has a broad range of functions, measuring volts, ohms and amps with a basic V DC accuracy of 0.015 %. It is remarkably easy to use, even by unskilled operators, because it makes the measurements you perform most often extremely easy and fast to do. Six setup buttons on the 8808A front panel operate like a car radio's station presets. Simply set up the meter for a common measurement, then press shift followed by a setup button (S1 to S6) to save the setup. Now each time you perform that measurement, you simply press the appropriate setup key. It's that easy! The setup buttons eliminate the need to follow complex work instruction sheets. Operators no longer need to press multiple buttons to set up a measurement function and range, test limits, or enter other parameters to make a measurement. Features include

- 5.5 digit resolution
- Basic V DC accuracy of 0.015 %
- Dual display
- Dedicated DC leakage current measurement
- 2 x 4 ohms 4-wire measurement technique
- Six dedicated buttons for fast access to instrument setups
- Hi/Lo limit compare for Pass/Fail testing
- CAT I 1000 V
- CAT II 600 V
- Included accessories : LCI Line Power Cord, TL71 Test Lead Set, Spare Line Power Fuse, Programmers Manual/User Manual on CD-ROM

Features	8808A
Display	VFD multi segment
Resolution	5.5 digits
Measurements	V ac, V dc, I dc, I ac, Ω , Cont, Diode
Advanced Measurements	2X4 Wire Ohms, Freq, i-Leakage
Continuity / Diode Test	Yes
Analytical Functions	Limit Compare
Math Functions	dBm, dB, Min, Max
Interfaces	RS-232, USB via optional adapter
Programming	
Languages & Modes	Simplified ASCII, Fluke 45
Safety Rating	CAT I 1000 V, CAT II 600 V

8808A 5.5 Digital Multimeter

Stock No	Description	Price
288054	Fluke 8808A	486.00

Size (H x W x D) 88 x 217 x 297 mm
Weight 2.1 kg
Warranty 1 Year

8808A 5.5 Digital Multimeter

• With software & cable

Stock No	Description	Price
288055	Fluke 8808A/SU	622.00

8808A 5.5 Digital Multimeter

• With 2X4W test lead kit

Stock No	Description	Price
288056	Fluke 8808A/TL	498.00

Hard Case

Stock No	Description	Price
288059	884X-CASE	298.00

Recommended Accessories include
TL2X4W-TWZ 2 x 4 Wire Ohms Tweezer Test Leads
TL2X4W-PT II 2 x 4 Wire Ohms Test lead 2mm Probe Tip
884X-SHORT 4 Wire Short
FVF-UG/SC4/SC5 FlukeView Forms Software

For full specifications see www.fluke.co.uk



Fluke 330 Series/902 Clamp Meters

The Fluke 330 Series Clamp Meters offer all the features you need to fit the way you work. The small body and jaws fit perfectly in your hand and into tight places. Meter controls are positioned so that current measurements can be done with one hand. A large backlit display (on most models) is easy to see and a handy Display Hold keeps measurements on the display. Measuring starting current for motors, lighting, etc. is easy with the in-rush current function (on most models). The Fluke 902 adds temperature and capacitance measurement capabilities to the line, ideal for heating, ventilation and air conditioning system inspections. Features include

- True-RMS (Except 333 & 334)
- Display backlight (Except 333)
- Auto shut-off
- Display Hold
- Motor start-up current (Except 333 & 902)
- Low battery indication
- CAT III 600 V
- Included Accessories : C33 Soft case, TL75 test leads, 80BK Integrated DMM temperature probe (902), 2 AA alkaline batteries, instruction card and safety information sheet.

Features	333	334	335	336	337	902
True-RMS			•	•	•	•
Display backlight		•	•	•	•	•
Auto shut-off	•	•	•	•	•	•
Display Hold	•	•	•	•	•	•
Motor start-up current		•	•	•	•	•
Low battery indication	•	•	•	•	•	•
Large jaw				•	•	
Min/Max					•	
Current AC/DC				•	•	•
Temperature						•

Clamp Meters

Stock No	Description	Price
288072	Fluke 333	137.00
288073	Fluke 334	169.00
288074	Fluke 335	190.00
288075	Fluke 336	283.00
288076	Fluke 337	339.00
288080	Fluke 902	175.00

Size (H x W x D) 238 x 79 x 41mm (333, 334, 335 & 902)
251 x 79 x 41 mm (336 & 337)
Jaw Opening 30 mm (333, 334, 335 & 902)
42 mm (336 & 337)
Weight 0.312 kg
Warranty 3 Years

Clamp Meter Holster

• Built-in pocket for lead storage

Stock No	Model No.	Price
288083	H3	26.00

Recommended Accessories include
TL223 SureGrip™ Electrical Test Lead Kit
L215 SureGrip™ Kit with Probe Light & Extender

For full specifications see www.fluke.co.uk



Fluke 320 Series Clamp Meters

The Fluke 321 and 322 are designed to verify the presence of load current, AC voltage and continuity of circuits, switches, fuses and contacts. These small and rugged clamp meters are ideally suited for current measurements up to 400 A in tight cable compartments. The Fluke 322 also offers DC voltage measurements and has a higher resolution for loads below 40 A. Features include

- New smaller size fits easily into tight places
- Precise measurements with 1.8% basic accuracy
- Resolution up to 0.01A and 0.1 V
- Measures AC current to 400 A
- Measures AC volts to 600 V
- Measures DC volts to 600 V (Fluke 322 only)
- Resistance measurement to 400 Ω
- Continuity for quick checking of shorts
- Automatic low battery indicator
- Display hold function
- CAT III 600 V
- Include accessories : C23 soft carrying case, TL75 test leads, 2 x AA alkaline batteries, coated instruction card, safety information sheet

Features	321	322
Compact design	•	•
Auto shut-off	•	•
Display Hold	•	•
Low battery indication	•	•
Current AC	•	•
Volts DC		•

Clamp Meters

Stock No	Description	Price
288070	Fluke 321	92.00
288071	Fluke 322	100.00

Battery Life 100 hours typical
Size (H x W x D) 190 x 63 x 35 mm
Jaw Opening 25 mm
Warranty 2 Years

Electrician's Combo Kit

Stock No	Description	Price
288035	Fluke 117/322	219.00

Fluke 117 True RMS Multimeter
Fluke 322 Clamp Meter
TL75 Hard Point Test Lead Set
TPAK Magnetic Hanger
C115 deluxe carrying case with shoulder strap

IR Thermometer, Clamp Meter and Voltage Detector Kit

Stock No	Description	Price
288081	Fluke 62/322/1AC	174.00

Fluke 62 Infrared Thermometer
Fluke 322 Clamp Meter
Fluke 1AC II Volt Alert

Clamp Meter Holster

Stock No	Model No.	Price
288083	H3	26.00

Recommended accessories for the 320 Series include:
TL223 SureGrip™ Electrical Test Lead Kit
L215 SureGrip™ Kit with Probe Light & Extender

For full specifications see www.fluke.co.uk

**Large volume user
and require a quotation?
Call Grahame our Sales Director
on 01224 615030**



Fluke 350 Series AC/DC Clamp Meters

True-RMS 2000 A Clamp Meters that are versatile and rugged tools for applications with high currents. Confidently take reliable readings with the True-RMS, Fluke 355 and 353 digital clamp meters; the tools of choice for high current clamp-on amp meter measurement up to 2000 A. The extra-wide jaw easily clamps around large conductors, typically found in high-current applications. The extra rugged design and CAT IV 600 V, CAT III 1000 V ratings add an extra element of user protection when taking high-powered measurements. Accurate peak measurements can be taken using the in-rush current mode, ideal for motors and inductive loads. The 355 also measures voltage and resistance, making this an ideal clamp meter for utilities, electrical contractors and industrial service technicians. Features include

- Reliably handle a wide range of high-current applications with 2000 A AC + DC true-RMS, 1400 A AC, and 2000 A DC
- The large 58 mm (2.3 in) jaw capacity is suitable for large or multiple conductors
- In-rush current measurement captures 'power-on' surge current with accuracy and repeatability
- High voltage measurement of 1000 V AC + DC true-RMS, 600 V AC, and 1000 V DC allows the user to perform multiple tests with only one tool (355 only)
- Resistance to 400K ohms coupled with a continuity beeper provide the convenience of a multimeter in a clamp meter. (355 only)
- Accurately measure frequency up to 1 kHz for optimum troubleshooting
- Quickly analyze readings using the MIN, MAX, and AVG functions
- A large backlit display allows for easy visibility in low-lit areas
- Use the display hold feature to capture readings even when the display cannot be viewed
- Use the low-pass filter to smooth out noisy loads and stabilize readings
- CAT III 1000 V
- CAT IV 600 V
- Included accessories for Fluke 353 : C43 Soft Meter Case, 6 x AA batteries, users manual
- Included accessories for Fluke 355 : C43 Soft Meter Case, 6 x AA batteries, TL224 SureGrip™ Silicone Test Lead Set, TP2 Slim Reach Test Probe Set (2 mm), AC285 SureGrip™ Alligator Clip Set, users manual

Features	353	355
True-RMS measurements	•	•
Display backlight	•	•
Motor start-up current	•	•
Min/Max/Average	•	•
Voltage AC/DC		•
Resistance measurement		•
Continuity measurement with beeper		•

Fluke 350 Series AC/DC Clamp Meters

Stock No	Description	Price
288077	Fluke 353	356.00
288078	Fluke 355	486.00

Battery Life 100 hours typical
 Size (H x W x D) 300 x 98 x 52 mm
 Weight 0.814 kg
 Warranty Two Years

Recommended accessories for the 350 Series include :
 TL223 SureGrip™ Electrical Test Lead Kit
 L215 SureGrip™ Kit with Probe Light & Extender

For full specifications see www.fluke.co.uk



Fluke 360 Leakage Clamp Meter

The Fluke 360 leakage tester is a rugged and accurate solution for leakage current measurement. Ideally designed for non-invasive checks of insulation condition, the Fluke 360 leakage meter allows you to perform tests without powering down the installation or disconnecting equipment - saving you time, without compromising on quality or safety. The unique jaw design of the Fluke 360 AC Leakage Current Clamp Meter eliminates the influence of adjacent current conductors, and minimizes the effects of external magnetic fields, even at low currents. This allows you to perform accurate and reliable tests in today's crowded electrical environments. The tough and high-quality jaw design of the Fluke 360 leakage tester guarantees high stability for long-term repeatability and durability. Features include

- Measurement of leakage current with 3 mA range and 1 μ A of resolution, for accurate monitoring of insulation erosion
- Broad range of measurement, from 1 μ A up to 60 A, for all installation needs
- Advanced shielding to ensure accurate results when measuring near other conductors
- The high durability clamp construction can withstand over 50,000 operations - added ruggedness that extends the life of your clamp.
- Easy-to-carry, pocket-sized clamp with wide 40 mm (1.5 in) jaw size
- Handy "Display-Hold" button for capturing readings in hard to reach places
- Auto power-off, with warning buzzer, saves battery life
- Conformance to IEC1010 and EMC standard for confident measurements
- Meets all of the applications and performance classes in safety standard VDE0404-4 and VDE0702 for leakage current and differential current measurement of electrical appliances
- CAT III 300 V
- Included accessories : soft carrying pouch and users manual

Stock No	Description	Price
288079	Fluke 360	431.00

Battery Life 3 Volt Lithium, 90 hours typical
 Size (H x W x D) 176 x 70 x 25 mm
 Weight 0.2 kg
 Warranty 1 year

For full specifications see www.fluke.co.uk



Stock No 288079



Fluke T100 Series/T50 Voltage and Continuity Testers

The fast and easy solution to voltage, continuity and phase rotation testing.

Fluke T50

Offers a low cost solution to voltage continuity measurement. It contains an acoustic and optic continuity test and features a single pole test for phase detection.

Fluke T100 Series

The fast and easy solution to voltage, continuity and resistance measurements. Ideal for site conditions, the 3 models of the T100 Series 2-pole testers have a rugged construction and ergonomically formed housing for perfect handling. All models offer a patented three-phase rotation detection system providing quick phase rotation indication. Moreover they have a special electrical torch function for working in low light level environments and have an ingress protection rating of IP65. The T100 Series are compliant with EN 61010-1 and EN61243-3 requirements. Features include

- Resistance measurement (T140)
- Backlight (T140)
- LED Bargraph (T120, T140)
- Display:
 Fluke T50: 10 LED's
 Fluke T100: 12 LED's
 Fluke T120: 3½ digit LCD
 Fluke T140: 3½ digit LCD
- Voltage test
- Optical and acoustical continuity test
- Rotary field indication (except T50)
- Single pole test for phase detection
- Indication of polarity
- Electrical torch function (except T50)
- CAT IV 600 V (T100 Series)
- CAT III 600 V (T50)
- Included accessories : 2 x 1.5 V batteries and instruction sheet

Features	T50	T100	T120	T140
Display	10 LEDs	12 LEDs	LCD	LCD
Led Bargraph	•	•	•	•
Backlight				•
Resistance measurement				•
Switchable load				•
Voltage test	•	•	•	•
Optical and acoustical continuity test	•	•	•	•
Rotary field indication		•	•	•
Single pole test for phase detection	•	•	•	•
Indication of polarity	•	•	•	•
Electrical torch function		•	•	•
Probe tip protection	•	•	•	•
Voltage display functions when discharged	•	•	•	•

CONTINUED >

Fluke T100 Series/T50 Voltage and Continuity Testers CONTINUED >

Voltage & Continuity Testers

Stock No	Description	Price
288096	Fluke T50	25.00
288097	Fluke T100	41.00
288098	Fluke T120	70.00
288099	Fluke T140	86.00

Size (H x W x D)

T50 210 x 40 x 22 mm

Size (H x W x D)

T100/T120/T140 240 x 56 x 24 mm

Case T50

IP54

Case T100/T120/T140

IP65

Weight T50

130 g

Weight T100/T120/T140

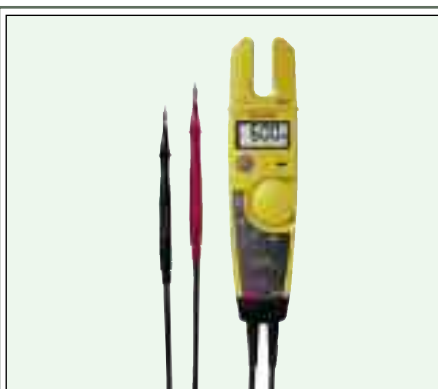
180 g

Warranty

2 Years

Soft Meter Case

Stock No	Model No	Fits	Price
288112	C23	T50	16.00
288113	C33	T100 Series	17.00

 For full specifications see www.fluke.co.uk

Fluke T5 Electrical Testers

The Fluke T5 Electrical Testers let you check voltage, continuity and current with one compact tool. With the T5, all you have to do is select volts, ohms, or current and the tester does the rest. OpenJaw™ current lets you check current up to 100A - without breaking the circuit. Its tough test leads stow neatly in the back of the tester, making it easy to tote the T5 in your tool pouch. Detachable SlimReach™ test probes are customized for national electrical standards. The test leads accept optional accessories such as clips and specialty probes. The optional H5 holster lets you clip the T5 onto your belt. Features include

- Automatically measures volts ac and volts dc with precise digital resolution
- Displays resistance to 1000 Ω
- 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
- Test leads accept Fluke accessory test clips
- Available in 600 V and 1000 V models
- Can stay connected much longer than solenoid type tester
- Auto off mode to conserve battery life
- Optional holster attaches to a belt and neatly stows test leads
- CAT III 1000 V
- CAT IV 600 V
- Included accessories: GS38 detachable probes and instruction sheet

Features	T5-600	T5-1000
Display count	1000	1000
Automatic selection	•	•
Continuity and beeper	•	•
Sleep mode	•	•
AC voltage	600 V	1000 V
DC voltage	600 V	1000 V
AC current	100 A	100 A
Resistance	1000 Ω	1000 Ω

CONTINUED >

Fluke T5 Electrical Testers CONTINUED >

T5 Electrical Testers

Stock No	Description	Price
288092	Fluke T5-600	108.00
288093	Fluke T5-1000	118.00

Battery Life 400 hours

Size (H x W x D) 203 x 51 x 30.5 mm

Weight 0.38 kg

Warranty 2 Years

Fluke T5-H5-1AC II Kit

- Electrical Tester Kit with holster and IAC II

Stock No	Description	Price
288094	Fluke T5-H5-1AC II Kit	132.00

Fluke T5-1000

H5 Holster

Fluke IAC II VoltAlert

Fluke T5-600/62/IAC

This kit is designed to help electricians and HVAC technicians solve problems quicker. Test first for overheated electrical devices using an IR thermometer; then use electrical test tools to find out more about the problem.

Stock No	Description	Price
288095	Fluke T5-600/62/IAC	174.00

Fluke T5-600

Fluke 62

Fluke IAC II VoltAlert

C115 case

Electrical Tester Holster

- Includes flap for lead storage and built-in belt loop

Stock No	Description	Price
288109	H5	19.00

Recommended accessories include

ACC-T5-KIT Accessory Kit for T5

AC285 SureGrip™ Large Jaw Alligator Clip Set

 For full specifications see www.fluke.co.uk

Fluke 1AC-II VoltAlert

The VoltAlert™ AC non-contact voltage tester from Fluke is easy to use - just touch the tip to a terminal strip, outlet, or supply cord. When the tip glows red and the unit beeps, you know there's voltage present. Electricians, maintenance, service, safety personnel, and homeowners can quickly test for energized circuits in the workplace or at home. Features include

- Voltbeat™ technology and continuous self-test - so you always know it's working
- Upon detection, tip glows and beeper sounds
- Detects voltage without metallic contact
- CAT IV 1000 V for added protection
- Expanded range: 200 V to 1000 V AC
- Available singly or in a 5-Pack

Stock No	Description	Price
288090	Fluke 1AC II	19.00
288091	Fluke 1AC II 5PK	75.00

Batteries 2 x AAA Alkaline

Size (H) 148 mm

Warranty 2 Years

 For full specifications see www.fluke.co.uk

LVD1 Volt Light

Non-contact AC voltage detector and LED flashlight combined in one convenient, compact design. With exclusive dual-sensitivity. The voltage detector glows blue when it's near AC voltage, and glows red when it's at the source. Features include

- Detects voltages from 40 V AC to 300 V AC
- Voltage detector glows blue 50 Hz - 60 Hz or 2.5 - 12.5 cm (1 - 5") away from source
- Operating temperature 0°C to 50°C
- Ultra-bright white LED with 100,000 hour bulb life
- Comes with a versatile clip to secure light to pocket, hat or panel door
- AAA battery included

Stock No	Description	Price
288107	LVD1 Volt Light	17.00

 For full specifications see www.fluke.co.uk

LVD2 Volt Light

Non-contact AC voltage detector and LED flashlight combined into one easy to use pen-style design.

The LVD2 is a CAT IV 600 V rated non-contact detector that is suitable for commercial and industrial applications. The LVD2 includes dual sensitivity turning blue 1" to 5" (2.54 cm to 12.7 cm) from the source and red when at the source. Features include

- Dual Sensitivity
- LED light with 100,000 hour life
- Detects from 90 to 600 V AC
- Rated to CAT IV 600 V
- Dual Levels of Detection
- Blue indicates proximity to AC Voltage source
- Red indicates you're at the source
- Operating temperature 0°C to 50°C
- Ultra-Bright White LED
- 100,000 hr bulb
- AAA battery included

Stock No	Description	Price
288108	LVD2 Volt Light	21.00

 For full specifications see www.fluke.co.uk


Stock No 288092



Socket Master Testers

Fluke has introduced a range of professional electrical socket testers with modern, ergonomic and durable designs. The range includes the Fluke SM100, SM200 and SM300, professional tools designed for contractors to rapidly and reliably test the safety of installed mains sockets. Features include

SM300

- Clear bi-colour LED and audible indication of wiring status
- Unique soft-touch RCD test checks 30 mA RCD's for trip within 300 ms
- Earth Volts Touchpad detects raised earth voltages > 50 V, indicating potentially dangerous situations

SM200

- Clear LED indication of wiring status
- Audible notification of wiring condition
- Unique soft finger grip
- Handy size - fits in the palm of your hand

SM100

- Clear LED indication of wiring status
- Modern, ergonomic design
- Compact and durable
- Simple to use, just plug into a socket for wiring status

Stock No	Description	Price
288100	Fluke SM100	16.00
288101	Fluke SM200	21.00
288102	Fluke SM300	31.00

For full specifications see www.fluke.co.uk



Fluke 1577/1587 Insulation Multimeters

The Fluke 1587 and 1577 Insulation Multimeters combine a digital insulation tester with a full-featured True RMS digital multimeter in a single compact, handheld unit, which provides maximum versatility for both troubleshooting and preventive maintenance. Whether you work on motors, generators, cables, or switch-gear, the Fluke 1587/1577 Insulation Multimeters are ideally suited to help you with your tasks.

The Fluke 1587T is specially designed for the telecom environment. Features include

- CAT III 1000 V
- CAT IV 600 V
- Included Accessories : C1010 hard case, TL224 SureGrip Silicone Test Lead Set, AC285 SureGrip Alligator Clip Set, 80BK Integrated DMM Temperature Probe (Type K), TP165X Remote Test Probe

CONTINUED >

Fluke 1577/1587 Insulation Multimeters CONTINUED >

Multimeter Features	1577	1587	1587T
Voltage and Current for accurate measurements	•	•	•
Digital display counts	6000	6000	6000
Autorange and manual range for easy testing	•	•	•
Selectable filter for accurate voltage and frequency measurements on motor drives		•	•
Min Max Recording, Diode test, temperature, capacitance & frequency measurement for maximum flexibility		•	•

Insulation Features	1577	1587	1587T
User selectable test voltages for many applications	•	•	
Additional test voltages 50 V, 100 V, 250 V		•	
Special remote control probe for easy and safe measurements	•	•	•
Auto-discharge of capacitive voltage for added user protection	•	•	•
Live circuit detection prevents insulation test if voltage > 30V is detected for added user protection	•	•	•

General Features	1577	1587	1587T
Auto Power off to save batteries	•	•	•
Large display with backlight	•	•	•
Input Alert to warn for incorrect connections	•	•	•
Continuity	•	•	•

Insulation Multimeters

Stock No	Description	Price
288123	Fluke 1577	389.00
288124	Fluke 1587	462.00
288125	Fluke 1587T	462.0

Battery Life	Meter: 1000 hours Insulation Test >1000 tests
Size (H x W x D)	203 x 100 x 50 mm
Weight	0.55 kg
Warranty	3 Years

Advanced Electrical Troubleshooting Kit

Stock No	Description	Price
288126	Fluke 1587ET	572.00

Fluke 1587 Insulation Multimeter
Fluke 62 Mini Infrared Thermometer
i400 Current Clamp

Advanced Motor & Drive Troubleshooting Kit

Stock No	Description	Price
288127	Fluke 1587MDT	613.00

Fluke 1587 Insulation Multimeter
Fluke 9040 Phase Rotation Indicator
i400 Current Clamp

Soft Meter Case

Stock No	Description	Price
288019	C25	36.00

Recommended accessories include :
i400 Current Clamp
TPAK Magnetic Hanger
L215 SureGrip™ Kit with Probe Light and Extender
TL238 SureGrip™ High Energy Test Lead Kit

For full specifications see www.fluke.co.uk



Fluke 1503/1507 Insulation Testers

The Fluke 1507 and 1503 Insulation Testers are compact, rugged, reliable, and easy to use. With their multiple test voltages, they are ideal for many troubleshooting, commissioning, and preventative maintenance applications. Additional features, like the remote probe on these tools save both time and money when performing tests. Features include

- Clear bi-colour LED and audible indication of wiring status
- Unique soft-touch RCD test checks 30 mA RCD's for trip within 300 ms
- Earth Volts Touchpad detects raised earth voltages > 50 V, indicating potentially dangerous situations
- Insulation test range:
1507: 0.01 MΩ to 10 GΩ
1503: 0.1 MΩ to 2000 MΩ
- Insulation test voltages:
1507: 50 V, 100 V, 250 V, 500 V, 1000 V
1503: 500 V, 1000 V
- Save both time and money with Automatic calculation of Polarization Index and Dielectric Absorption Ratio (1507 only)
- Make repetitive tests simple and easy with the 1507's Compare (Pass/Fail) function (1507 only)
- Repetitive or hard-to-reach testing is easy with the remote test probe
- Live circuit detection prevents insulation test if voltage > 30 V is detected for added user protection
- Auto-discharge of capacitive voltage for added user protection
- AC/DC voltage: 0.1 V to 600 V
- 200 mA Continuity
- Resistance: 0.01 Ω to 20.00 kΩ
- Save battery power with auto power off
- Read measurements easily with large, backlit display
- CAT IV 600 V overvoltage category rating for added user protection
- Remote probe, test leads, probes and alligator clips included with each tester
- Accepts optional Fluke TPAK magnetic hanging system to free your hands for other work
- Four AA alkaline batteries (NEDA 15 A or IEC LR6) for at least 1000 insulation tests
- Included accessories : TP165x Remote Test Probe, SureGrip Silicone Test Lead Kit, TP74 Lantern Tip Test Probe Set, alligator clips

Features	1503	1507
User selectable test voltages for many applications	•	•
Additional test voltages 50 V, 100 V, 250 V		•
Special remote control probe for easy and safe measurements	•	•
Auto-discharge of capacitive voltage for added user protection	•	•
Live circuit detection prevents insulation test if voltage > 30 V is detected for added user protection	•	•
Save both time and money with Automatic calculation of Polarization Index and Dielectric Absorption Ratio (only available on the 1507)		•
Save battery power with auto power off	•	•
Large display with backlight	•	•
200 mA Continuity	•	•
Compare function (pass/fail) for fast repetitive tests	•	•

CONTINUED >

Fluke 1503/1507 Insulation Testers CONTINUED >

Insulation Testers

Stock No	Description	Price
288120	Fluke 1503	246.00
288121	Fluke 1507	337.00

Battery Life Insulation Test >1000 tests
 Size (H x W x D) 203 x 100 x 50 mm
 Weight 0.55 kg
 Warranty 1 Year

Hard Case

Stock No	Model No	Price
288129	C101	38.00

Recommended accessories include :
 i400 Current Clamp
 TPAK Magnetic Hanger
 L215 SureGrip™ Kit with Probe Light and Extender
 TL238 SureGrip™ High Energy Test Lead Kit

 For full specifications see www.fluke.co.uk

Fluke 1550B MegOhmMeter

The Fluke 1550B is a digital insulation tester capable of testing switchgear, motors, generators and cables at up to 5000 V DC. It can be used for a wide range of tests: from simple spot checks to timed tests and breakdown tests. Measurement storage and PC interface software make it ideal for preventive maintenance. Heavy-duty leads, probes and alligator clips fit in the custom carrying case, for a rugged field testing kit. Features include

- Test voltages of 250 V, 500 V, 1000 V, 2500 V, and 5000 V
- Capable of testing in 50V increments between 250V and 1000V and 100V increments between 1000 V and 5000 V
- Measures 0 to 1 Tera-Ohm
- Warning voltage function alerts the user that line voltage is present and gives the voltage reading up to 600 V AC or DC
- Guard system eliminates the effect of surface leakage current on high-resistance measurements
- Large digital/analog LCD shows detailed measurement data
- Cable or insulation capacitance
- Leakage current
- Ramp function (0-5000 V DC) for breakdown testing
- Timer 1 to 99 minutes
- Polarization index and dielectric absorption calculated automatically
- 99 memory locations store all measurements parameters
- Dust/water resistance: IP40
- Operating altitude: 0 to 2000 metres
- CAT III 600 V
- Included accessories : Test Leads, 500 V-rated probes, alligator clips, soft carrying case with waterproof bottom, FlukeView Forms Basic Software and Optical Interface cable for easy download to a Windows® PC

Stock No	Description	Price
288122	Fluke 1550B	2244.00

Batteries 12 volt, lead-acid, rechargeable
 Size (H x W x D) 170 x 242 x 330 mm
 Weight 4 kg (with battery)
 Warranty 2 Years

FVF-SC2 FlukeView Forms Software and cable

 For full specifications see www.fluke.co.uk

Fluke 570 Series Precision Infrared Thermometers

The Fluke 570 series are the most advanced IR non-contact thermometers, and are ideal for predictive and preventative maintenance applications. Offering a broad temperature range and a true dimension laser sighting system for precise targeting resulting in more accurate measurements. When requiring analysis and documentation use the 100-point data logging and software for graphing and analysis. The top-of-the-range Fluke 576 even has a built-in digital camera that photographs the location when the temperature measurement is made. From close-up electrical connections, to far distance room balancing checks, the Fluke 570 series can take IR temperature measurements with ease and precision. Features include

- Enhanced optics allows measurements of smaller objects from farther away
- True Dimension™ three-dot laser sighting system highlights the true diameter of measurement spots at all distances
- Adjustable emissivity setting and 30 pre-set common material values for more accurate measurements
- 100 data point memory for storage of measurements (Fluke 574, 576) and photographic images (Fluke 576)
- Instantly captures photographs of temperature measurement locations for improved documentation (Fluke 576 only)
- Included accessories :
 - Fluke 572: Hard case, 2 batteries
 - Fluke 574: Hard case, 2 batteries, Thermocouple K probe, 220V power supply, IRGraph software, RS232 cable
 - Fluke 576: Hard case, 2 batteries, Thermocouple K probe, DataTemp software, USB cable

Features	572	574	576
Temperature range	-30 to 900°C	-30 to 900°C	-30 to 900°C
Optical resolution	Standard: 60:1 Close focus: 50:1	Standard: 60:1 Close focus: 50:1	Standard: 60:1 Close focus: 50:1
3 dot laser beam for accurate targeting	•	•	•
Adjustable emissivity	•	•	•
Bar graph display	•	•	•
Backlit LCD display	•	•	•
Use selectable °C or °F	•	•	•
Audible and visible Hi/Lo Alarm	•/-	•/•	•/•
MIN/MAX	•	•	•
AVG/DIF readings	•	•	•
Datalogging (number of measurements)		100	100
PC interface		RS232	USB
Built-in Digital camera			•

CONTINUED >

Fluke 570 Series Precision Infrared Thermometers CONTINUED >

570 Series Thermometers

Stock No	Description	Price
288152	Fluke 572	655.00
288154	Fluke 574	977.00
288156	Fluke 576	1352.00

	Fluke 572	Fluke 574	Fluke 576
Battery Life	10 hours typical	10 hours typical	8 hours typical (13 hours with photographic mode off)
Size (H x W x D)	200 x 170 x 55 mm	200 x 170 x 55 mm	240 x 170 x 55 mm
Weight	0.480 kg	0.480 kg	0.580 kg
Warranty	2 Years	2 Years	2 Years

570 Series Thermometers

- With close focus option

Stock No	Description	Price
288153	Fluke 572CF	655.00
288155	Fluke 574CF	977.00
288157	Fluke 576CF	1352.00

Soft Meter Case

Stock No	Description	Price
288160	C570	31.00

Recommended accessories include :
 AN5 Analogue Data Cable

 For full specifications see www.fluke.co.uk

Fluke 60 Series Infrared Thermometers

The Fluke 60 Series non-contact thermometers are the ideal professional diagnostic tools for quick and accurate temperature measurements. These handheld tools are ideal for measuring surface temperatures of rotating, hard-to-reach, electricity live or dangerously hot targets like electrical motors and panels, and heating and ventilation systems. The laser sighting system guides measurements to the right target and in less than a second, the large temperature display provides a readout of the surface temperature. Features include

- Laser guided sighting system for easy targeting with 1% accuracy
- Up to 12 points datalogging with Min/Max/Average functions
- Up to 50:1 optical resolution
- Choice between models with fixed or adjustable emissivity
- Backlit display for easy reading in the dark
- Temperatures up to 760°C
- Included accessories:
 - Fluke 61: 9 V Battery
 - Fluke 62: 9 V Battery, storage holster
 - Fluke 63, 66 and 68: Hard carrying case, 9 V batteries

CONTINUED >

Stock No 288152



Fluke 60 Series Infrared Thermometers CONTINUED >

Features	61	62	63	66	68
Form factor	Flat grip	Pistol grip	Pistol grip	Pistol grip	Pistol grip
Temperature range	-18 to 275°C	-30 to 500 °C	-32 to 535°C	-32 to 600°C	32 to 760°C
Optical resolution	8:1	10:1	12:1	30:1	50:1
Laser beam for accurate targeting	•	•	•	•	•
Backlit LCD display	•	•	•	•	•
Use selectable °C or °F	•	•	•	•	•
Min/max/avg/dif readings		Max	Max	•	•
Datalogging				•	•
Hi/Lo Alarm				•	•
Adjustable emissivity				•	•

60 Series Thermometers

Stock No	Description	Price
288144	Fluke 61	117.00
288145	Fluke 62	81.00
288146	Fluke 63	163.00
288147	Fluke 66	315.00
288148	Fluke 68	405.00

	Fluke 61	Fluke 62	Fluke 63	Fluke 66	Fluke 68
Battery	12 hours with laser	12 hours with laser	10 hours with laser	20 hours with laser	20 hours with laser
	and backlight on	and backlight on	and backlight on	and backlight on	and backlight on
				50%	50%
Size (H x W x D)	184 x 45 x 38 mm	152 x 38 mm	101 x 200 x 55 mm	160 x 160 x 55 mm	200 x 160 x 55 mm
Weight	0.227 kg	0.200 kg	0.320 kg	0.320 kg	0.320 kg
Warranty	1 Year	2 Years	1 Year	1 Year	1 Year

IR Thermometer, Clamp Meter and Voltage Detector Kit

Stock No	Description	Price
288081	Fluke 62/322/1AC	174.00

Fluke 62 Infrared Thermometer
 Fluke 322 Clamp Meter
 Fluke 1 AC II Volt Alert

Fluke T5-600/62/1AC

This kit is designed to help electricians and HVAC technicians solve problems quicker. Test first for overheated electrical devices using an IR thermometer; then use electrical test tools to find out more about the problem.

Stock No	Description	Price
288095	Fluke T5-600/62/1AC	174.00

Fluke T5-600
 Fluke 62
 Fluke 1AC II VoltAlert
 C115 case

Soft Meter Case

Stock No	Model No	Fits	Price
288112	C23	Fluke 61	16.00

Thermometer Holster

Stock No	Model No	Fits	Price
288161	H6	Fluke 63/66/68	18.00

Recommended accessories include :
 80PR-60 RTD Temperature Probe

For full specifications see www.fluke.co.uk



Fluke 566 & 568 Multipurpose Thermometers

The two-in-one infrared and contact thermometer with an innovative graphical display. With a straight-forward, menu-driven user interface and graphical display, the Fluke 566 and 568 multipurpose thermometers make even complex temperature measurements easy. Quickly navigate and adjust emissivity, start data logging, or turn on and off alarms, with just a few pushes of a button. For added convenience, both rugged handheld thermometers combine contact and non-contact temperature measurement capability, providing a total temperature measurement solution for any service and maintenance program. Features include

- Easily access advanced features with the soft-key buttons and graphical display
- Measure smaller targets from farther away using the IR thermometer
- Adjustable emissivity and built-in table of common materials for higher IR accuracy
- Quickly identify problems with the MIN, MAX, AVG, and DIF functions
- 2-color flashing alarm alerts you visually when measurements exceed limits
- Includes Type K thermocouple bead probe
- Compatible with all standard mini connector K-type thermocouples
- Data logging with a date/time stamp
- Soft rubber boot for increased ruggedness
- User interface available in 6 languages
- Included accessories : FlukeView® Forms software (568 only), USB cable (568 only), K-type thermocouple bead probe, 2 AA batteries, hard carrying case, quick start guide, and users manual

Multipurpose Thermometers

Stock No	Description	Price
288150	Fluke 566	306.00
288151	Fluke 568	404.00

	Fluke 566	Fluke 568
Power	2 AA/LR6 Batteries	2 AA/LR6 Batteries and USB for use with a PC
Battery life	Used continuously; laser and backlight on: 12 hours laser and backlight off: 100 hours	Used continuously; laser and backlight on: 12 hours laser and backlight off: 100 hours
Weight	0.965 kg	1.026 kg
Size (H x L x W)	254 x 191 x 69 mm	254 x 191 x 69 mm
Operating temperature	0 °C to 50 °C	0 °C to 50 °C
Storage temperature	-20 °C to 60 °C	-20 °C to 60 °C
Warranty	2 Years	2 Years

Thermometer Holster

Stock No	Description	Price
288161	H6	18.00

Recommended accessories include :
 80PK-8 Pipe Clamp Temperature Probe, 80PK-9 General Purpose Probe, 80PK-11 Velcor Temperature Probe, 80PK-25 SureGrip™ Piercing Probe, 80PK-26 SureGrip™ General Purpose Probe

For full specifications see www.fluke.co.uk



Fluke 561 Multipurpose Thermometer

IR Thermometer with K-type thermocouple capability. The Fluke 561 IR and contact thermometer, combines the temperature measurement functions that industrial, electrical, and HVAC/R professionals need, all in one tool. It measures both infrared and contact temperature, replacing several other test tools. It's fast, efficient, and easy to use, saving you valuable time and effort. With the Fluke 561 infrared thermometer, you can also take contact and ambient temperatures in the way that's best for you. Use the IR thermometer to measure hot, moving, electrically energized, and hard-to-reach objects instantly. Check motors, insulation, breakers, radiant heating, pipes, corroded connections, and wires. Plus, scan ducts, and other hard-to-reach objects from the floor-leave your ladder in the truck. You can use the Fluke 561's handy flexible pipe probe. or plug in any industry standard type K mini connector thermocouple probe you already own to take super-heat or internal temperatures. Features include

- IR thermometer for quick measurements up close, or at a distance, without a ladder
- Contact thermometry capability, compatible with all standard mini-connector type K thermocouples, reserves your investment in thermocouples
- Velcro® pipe probe for superheat and sub-cooling and other contact and ambient measurements
- Single-point laser sighting
- Temperature range of -40°C to 550°C (-40°F to 1022°F) covers most industrial and residential applications
- Easy emissivity adjustment (Lo, Med, Hi) for measuring pipes and other shiny materials more accurately
- Lightweight (just 12 ounces/340 grams) and portable
- Very easy to use
- Efficient-no need to shut down equipment when making IR measurements
- MIN, MAX, and DIF functions help you quickly identify problems
- Scan large areas or small objects quickly and efficiently
- Included accessories : Thermocouple K-type Velcro pipe probe, hand carrying case, 2 x AA batteries and user manual with measurement guide

561 Multipurpose Thermometer

Stock No	Description	Price
288149	Fluke 561	111.00

Battery Life	12 hours
Size (H x L x W)	177 x 164 x 52 mm
Weight	0.34 kg
Warranty	2 Years

Thermometer Holster

Stock No	Description	Price
288161	H6	18.00

Recommended accessories include :
 80-PK-1 Bead Probe, 80PK-8 Pipe Clamp Temperature Probe, 80PK-25 SureGrip™ Piercing Probe

For full specifications see www.fluke.co.uk

Trade Counter open
8.15 am - 5.30 pm Monday to Friday
and 8.30 am - 1.00 pm Saturday



Fluke 50 Series II Thermometers

The Fluke 50 Series II contact thermometers offer fast response and laboratory accuracy (0.05% + 0.3°C) in a rugged handheld test tool. Features include

- Large backlit dual display shows any combination of T1, T2 (52 and 54 only), T1-T2 (52 and 54 only) plus MIN, MAX, or AVG
- Relative time clock on MIN, MAX, and AVG provides a time reference for major events
- Electronic Offset function allows compensation of thermocouple errors to maximize overall accuracy
- Readout in °C, °F, or Kelvin (K)
- Sleep mode increases battery life
- Battery door allows easy battery replacement without breaking the calibration seal

Additional features for the 53 and 54 Series II:

- Data Logging up to 500 points of data with user adjustable recording interval
- Real time clock captures the exact time of day when events occur
- Recall function allows logged data to be easily reviewed on the meter display
- IR communication port allows data to be exported to optional FlukeView® Temperature PC software
- Included Accessories : Impact absorbing holster, Two bead probe thermocouples 80PK-1 (54+52), One bead probe thermocouple 80PK-1 (51+53)

Features	51 II	52 II	53 II	54 II
Thermocouple types	J,K,T,E	J,K,T,E	J,K,T,E, N,R,S	J,K,T,E, N,R,S
Number of inputs	Single	Dual	Single	Dual
Time stamp	Relative Time	Relative Time	Time of Day	Time of Day
Splash/Dust resistant	•	•	•	•
Dual display with backlight	•	•	•	•
Min/Max/Avg recording (T1-T2)	•	•	•	•
True differential				
Data logging up to 500 points			•	•
IR data port for interface to PC			•	•
Compatible with optional FlukeView Software			•	•

50 Series II Thermometers

Stock No	Description	Price
288140	Fluke 51 II	204.00
288141	Fluke 52 II	267.00
288142	Fluke 53 II	301.00
288143	Fluke 54 II	355.00

Battery Life 1000 hours typical, AA
 Size (H x W x D) 173 x 86 x 38 mm
 Weight 0.4 kg
 Warranty 3 Years

Soft Case

Stock No	Description	Price
288019	C25	36.00

Recommended accessories include :
 80PK-26 SureGrip™ General Purpose Probe,
 80PK-25 SureGrip™ Piercing Probe,
 FVF-SC1 FlukeView forms, TPAK Magnetic Hanger

For full specifications see www.fluke.co.uk



Fluke 87V Ex Multimeter

Intrinsically safe version of the world's most popular Multimeter. With its high performance, accuracy and motor drive compatibility, the Fluke 87V is the most popular industrial multimeter in the world. Now Fluke has introduced a new intrinsically safe version - the 87V Ex - for measurements in and around hazardous areas. The new Fluke 87V Ex has all the measurement and troubleshooting functions of the proven Fluke 87V. Unlike most other ATEX-certified tools, it can be used both inside and outside the hazardous zone (ATEX Zones 1 & 2) without compromising performance or compliance. So there's no need to carry different tools for use inside or outside the hazardous zones. It also has a built-in thermometer with TC probe, further reducing technicians' tool counts. Features include

- ATEX safety rating for use in Ex-zone 1 and zone 2
- CAT IV 600 V electrical safety rating
- Unique function for accurate voltage and frequency measurements on variable speed motor drives (VSD's)
- Large display with bright, two-level backlight makes the 87V Ex easy to read in all lighting environments
- Built-in thermometer (probe included)
- True-RMS AC voltage and current for accurate measurements on non-linear signals
- 4-1/2 digit mode for precise measurements (20,000 counts)
- Measure up to 1000 V and 10 A (AC/DC)
- Frequency to 200 kHz and % duty cycle
- Resistance, continuity and diode test
- 10,000 µF capacitance range for components and motor caps
- Min/Max-Average and Peak capture to record transients and variations automatically
- Relative mode to remove test lead interference on resistance measurements
- Auto and manual ranging for maximum flexibility
- Analog bargraph for fast changing or unstable signals
- Input Alert provides audible warning against wrong use of input jacks
- II 2 G EEx ia IIC T4
- Electrical safety rating: EN61010-1 CAT IV 600 V and CAT III, 1000 V
- Included Accessories : TL75 test leads, AC72 alligator clips, yellow holster (H80M excl. TPAK), 80BK temperature probe, 9 V battery (installed), CD-ROM (user's manual and technical notes) and operator's guide

Fluke 87V Ex Multimeter

Stock No	Description	Price
288012	Fluke 87V Ex	779.00

Battery Life Over 400 hours typical (alkaline)
 Size (H x W x D) 200 x 95 x 48 mm
 Weight 0.6 kg
 Warranty 1 Year

Soft Case

Stock No	Description	Price
288019	C25	36.00

For full specifications see www.fluke.co.uk

Phone Lines open

7.30 am - 6.00 pm Monday to Friday
 and 8.30 am - 1.00 pm Saturday



Fluke 725 Ex Multifunction Process Calibrator

The new 725Ex Intrinsically Safe Multi-function Process Calibrator is powerful yet easy-to-use. Combined with one of the (8) new Fluke-700PEX pressure modules, the 725Ex is able to calibrate almost any process instrument likely to need service in an area where explosive gasses may be present. Measure and source mA, volts, temperature (RTDs and thermocouples), frequency, ohms, and pressure, using optional pressure modules. Do you need to calibrate transmitters? The 725Ex split display lets you view input and output values simultaneously. For valve and I/P tests, you can source mA while measuring pressure. The 725Ex has auto-stepping and auto-ramping for remote testing, plus 25% stepping for fast linearity tests. From the moment you pick it up, the Fluke 725Ex is ready to perform. Its simple controls, without menus, make operation easy. Its memory functions make set up fast. And its rugged design lets it work as hard as you do. Features include

- II 1 G EEx ia IIB 171°C KEMA 04ATEX 1303X
- I.S. Class I, Division 1 Groups B-D, 171°C compliance
- Measure Volts dc, mA, RTDs, thermocouples, frequency and ohms
- Source or simulate Volts dc, mA, RTDs, thermocouples, frequency and ohms
- Two channel simultaneous source and measure capability for calibration of transmitters
- Power transmitters with internal loop supply
- Store frequently-used test setups for later use
- Pressure measurement to 3,000 psi/200 bar using any of the 8 intrinsically safe Fluke 700PEX Pressure Modules
- Pressure switch test function to capture set, reset and deadband values
- Compact size and weight
- Simple, push-button user interface
- Rugged and reliable, for field use
- Accessories include : Protective red holster, TL 75 test leads, AC 72 test clips, one pair of stackable test leads, CD users manuals, 725Ex CCD control drawing, Statement of Quality Assurance Practices, NIST traceable calibration certificate

Simultaneous Function Capability	Channel A	Channel B
T24.000 mA DC	M	M or S
24.000 mA DC with loop supply	M	
100.00 mV DC		M or S
30.000 V DC Measure	M	
20.000 V DC Measure		M or S
10.000 V DC Source		M or S
15 to 3200 Ohms		M or S
Thermocouple J, K, T, E, R, S, B, L, U, N		M or S
RTD Ni120; Pt100 (392); Pt100 (JIS); Pt100, 200, 500, 1000 (385)		M or S
Pressure (using Fluke 700PEX modules)	M	M or S
Frequency; Squarewave, 1 CPM to 10 kHz; fixed amplitude 5V p-p		M or S

M = Measure S = Source/Simulate

Fluke 725 Ex Multifunction Process Calibrator

Stock No	Description	Price
288170	Fluke 725 Ex	2395.00

Battery Life 25 hours typical
 Size (H x W x D) 200 x 96 x 47 mm
 Weight 0.65 kg
 Warranty 3 Years

Soft Case

Stock No	Description	Price
288162	C125	36.00

For full specifications see www.fluke.co.uk


Fluke 707 Ex Loop Calibrator

The fast one-handed tool for mA loop checks in Ex zones. The 707Ex is an intrinsically safe loop calibrator for use in explosion endangered areas. The Fluke 707Ex is certified in accordance with the ATEX directive (Ex II 2 G Eex ia IIC T4) in Zones 1 and 2. Features include

- Large display and simple, quick-click push rotary button for easy one-handed operation
- Simultaneous mA and % readout for quick, easy, interpretation of readings.
- mA accuracy of 0.015%, superior to other loop calibrators
- 1 μ A resolution for mA source, simulate and measure
- Push button with 25% steps for fast, easy linearity checks
- 0-100% "span check" for fast confirmation of zero and span
- Selectable slow ramp, fast ramp, and step ramp to provide smooth outputs for valve slewing and loop functional tests
- Internal loop supply, so you can power and read a transmitter at the same time without carrying a DMM
- Measures V DC to 28 V
- Single 9 V battery that is easily changed
- 0-20 mA or 4-20 mA default start up modes
- Innovative output adjustment dial with 1 μ A and 100 μ A resolution
- HART[®] compatible resistance is connected in series with the loop supply for compatibility with HART communicators
- Included Accessories : Red Ex-holster, Fluke TL75 Test Leads, AC72 Alligator Clips, Single 9 V alkaline battery, Instruction Sheet

Fluke 707 Ex Loop Calibrator

Stock No	Description	Price
288171	Fluke 707 Ex	719.00

Battery Life	18 hours typical, at 12 mA
Size (H x W x D)	164 mm x 75 mm x 47 mm
Weight	0.35 kg
Warranty	3 Years

Soft Case

Stock No	Description	Price
288163	C12A	19.00

For full specifications see www.fluke.co.uk


Fluke 718 Ex Pressure Calibrators

The new Fluke 718 Ex Intrinsically Safe Pressure Calibrator is a new, powerful intrinsically safe, self contained pressure calibrator for usage in Explosion endangered areas. Features include

- II 1G EEx ia IIC T4 Compliant
- Built-in pressure / vacuum hand pump, with fine adjust vernier and bleed valve
- 30, 100, and 300 psi ranges available (2, 7, and 20 bar)
- Pressure measurement to 0.05% of full span, using an internal pressure sensor
- Pressure measurement to 200 bar using any of eight intrinsically safe Fluke 700PEx Pressure Modules
- Wide range of selectable measurement units for pressure
- Current measurement with 0.02% accuracy and 0.001 mA resolution
- Pressure switch test function
- Min-Max Hold functions
- Compact size and weight
- Simple, push-button user interface
- Rugged and reliable, ideal for field use
- Included accessories : Protective red holster, TL75 test leads, AC72 test clips, Media filter, CD users manuals, 718Ex CCD content control drawing

Fluke 718 Ex Pressure Calibrators

Stock No	Description	Price
288172	Fluke 718 Ex 30G	2280.00
288173	Fluke 718 Ex 100G	2280.00
288174	Fluke 718 Ex 300G	2349.00

Battery Life	4 to 20 hours, depending on functions used
Size (H x W x D)	216 x 94 x 66 mm
Weight	0.92 kg
Warranty	3 Years

Soft Case

Stock No	Description	Price
288164	C43	49.00

For full specifications see www.fluke.co.uk


Fluke 700 Ex Series Pressure Modules

These intrinsically safe pressure modules for use with the Fluke 725 Ex Multifunctional Process Calibrator and Fluke 718 Ex Pressure Calibrator cover the most commonly used pressure calibration ranges from 0-25 mbar and 0-200 bar. There's a choice of 8 gage, differential and absolute modules. Features include

- II 1G EEx ia IIC T4
- Very high accuracy up to 0.025%
- Gage modules have 1 pressure fitting and measure process pressure relative to atmospheric
- Differential modules have 2 pressure fittings and measure the difference between the applied pressures
- Convenient setup with 1 m cable between the pressure module and calibrator
- Rugged cases protect the modules in tough working environments

Stock No	Description	Price
288175	Fluke 700P01Ex	1791.00
288176	Fluke 700P24Ex	1791.00
288177	Fluke 700P05Ex	1791.00
288178	Fluke 700P06Ex	1791.00
288179	Fluke 700P27Ex	1335.00
288180	Fluke 700P09Ex	1791.00
288181	Fluke 700PA4Ex	2016.00
288182	Fluke 700P29Ex	3066.00

For full specifications see www.fluke.co.uk

Stock No 288172



Stock No 288175





Megger AV0300 Series Digital Multimeters

The AV0300 range of Megger digital multi-meters are tough compact instruments designed for the contracting electrician, but are also suitable for a wide range of applications and users. Both instruments offer a range of measurement modes for AC and DC applications, resistance and current measurement. They have tough rubber armoured cases offering the maximum amount of protection from the extreme use found in modern industrial environments. They draw on extensive experience of Megger engineers in designing safe reliable instruments for the electrical industry. Neither of the instruments are burdened with functions that never get used. This keeps the instruments simple to operate without the continued need to refer to the user manual. Features include

- Every measurement range is fully auto-ranging. Simply switch on the instrument and start testing, leaving hands free for holding probes, or hanging onto ladders
- The battery and fuse compartment are accessed by a separate cover on the back. This allows both battery and fuses to be replaced without opening the main instrument body, and if the meter is sealed with a calibration seal, will not break the seal and invalidate the calibration
- The LCD display has large high contrast 3 1/2 digit display which are easily read from a distance. Additionally the AV0310 has a backlit LCD for use in poor lighting and a bar graph range showing the percentage of range used
- Data HOLD allows a displayed result to be held on the display until needed, rather than trying to remember a measurement.
- When making current measurements the mode function allow the selection of AC or DC measurement.
- The Max/Min function (AV0310 only) freezes the maximum or minimum measured result on the screen. The display does not have to be continually watched to capture a momentary increase or fall in circuit voltage, resistance or current.
- Both AC and DC voltage measurement is possible with the instrument auto ranging to match the voltage at the test probes.
- Voltage measurements up to 1000 V are permitted without damage to the instrument.
- Three ranges are provided for current measurement of either AC or DC current from 0.1 uA to 10 A. Fused inputs protect both the user and the instrument in the case of excess current.
- Resistance can be measured directly on the ohms range from 0 Ω up to 1.999 M Ω . A continuity buzzer range is also available for checking low resistance between two points. The buzzer sounding if the resistance is less than 50 Ω (35 Ω on the AV0310).
- A diode range exists for testing forward and reverse bias operation of transistors and diodes.
- A low battery indicator warns when batteries are low, and an auto-off function ensures no unnecessary battery wastage occurs if accidentally left on
- A built-in rear stand provides both a bench stand for comfortable use on the bench, as well as extending round 180° to act as a hanging bracket.
- CAT III 600 V
- Included accessories : Test Leads and Probes

Features	AV0300	AV0310
AC Voltage	1000 V	1000 V
DC Voltage	1000 V	1000 V
AC Current	10 A	10 A
DC Current	10 A	10 A
Resistance 0.1 Ω to 40 M Ω	•	•
Diode test	•	•
Fast continuity buzzer	•	•
Auto-ranging	•	•

CONTINUED >

Megger AV0300 Series Digital Multimeters CONTINUED >

Features	AV0300	AV0310
Data-hold	•	•
Max/Min	•	•
Backlight	•	•
Tough Rubber Armoured case	•	•
Separate fuse and battery cover	•	•
Integral Stand/Hanger	•	•
Probe holder	•	•
Auto power down	•	•
Battery Low Warning	•	•
Base Accuracy	1%	1%
Temperature	-10°C to +50°C	-10°C to +50°C
IEC 61010-1	•	•

Megger AV0300 Series Digital Multimeters

Stock No	Description	Price
288500	AV0300	75.00
288501	AV0310	85.00

Power 1 x 9 V battery
 Size (H x W x D) 182 x 82 x 55 mm
 Weight 0.375 kg

Zip-Up Carrying Case

Stock No	Description	Price
288600	6420-132	14.00

Optional accessories include :
 Red/black test leads with croc clips (6220-779)
 Red/black fused test leads (500 mA) with croc clips (6220-789)
 Calibration certificates

 For full specifications see www.megger.co.uk


Megger DCM310/320 Digital Clamp Meters

The DCM310 and DCM320 are ideal clamp meters for use during the installation, maintenance and checking of electrical systems and equipment. Both meters will measure AC current (50 - 60 Hz) up to 400 A, with a Data-hold feature to freeze the displayed value for use in confined situations where the display may be difficult to read. The DCM310 also has a max-hold feature to automatically store and display the maximum value measured over a period of time. The DCM320 has the benefit of measurement ranges for AC and DC voltages up to 600 V, and resistance up to 20 M Ω , via the terminals and supplied test leads. It also has a continuity buzzer that operates up to 20 Ω . The compact clamp jaw enables cables to be measured as large as 27 mm diameter, so covering the majority of applications within the electrical system installation industry. Ideal for use by anyone working on basic electrical systems or equipment, these instruments are also suitable for the majority of applications encountered by the electrical contractor.

Features include

- Data Hold
- Small pocket-size design
- Exceptional battery lifetime
- Rated to withstand a 1.2 m drop onto a hard surface without damage
- Current only and multimeter models
- Measures up to 400 A AC with low current ranges for improved resolution
- 600 V AC/DC (DCM320)
- Max Hold (DCM310)
- 20 M Ω Resistance (DCM320)
- Included accessories : batteries, pouch, test leads, user guide

Stock No	Description	Price
288510	DCM310	79.00
288511	DCM320	95.00

CONTINUED >

Megger DCM310/320 Digital Clamp Meters CONTINUED >

	DCM310	DCM320
Power	1 x PP3 9 V	2 x AAA 1.5 A
Size (W x H x D)	56 x 180 x 32 mm	56 x 188 x 28 mm
Weight	0.250 kg	0.225 kg
Warranty	1 Year	1 Year

Optional accessories include :
 Red/black test leads with croc clips (6220-779)
 Red/black fused test leads (500 mA) with croc clips (6220-789)
 Calibration certificates

 For full specifications see www.megger.co.uk


Megger DCM330 Fork Multimeter

The Megger DCM330 Fork Multimeter is a convenient, compact instrument designed to measure AC current up to 200 A, and perform the basic functions of a basic multimeter. With AC and DC voltage measurements up to 1000 V and resistance measurements up to 20 M Ω , a non-contact voltage detection facility and a continuity buzzer with diode check, the Megger DCM330 is a truly versatile instrument. All of these features combined into a single compact instrument eliminate the need for separate multimeter and clamp meter. The large central range knob enables ambidextrous single handed use, and the separate voltage/resistance test leads can be disconnected when not in use. The open-jaw design of the clamp meter enable simple and fast measurements to be made on single conductors up to 16 mm diameter. With no moving clamp parts, the Megger DCM330 is not susceptible to dirt, grit or moisture around the cable, so is equally ideal for use in dirty trenches or trunking; or clean laboratory conditions. It provides average responding RMS values, and with the conductor(s) positioned centrally and squarely within the jaws, achieves readings of better than 3% accuracy. The Megger DCM330 is auto-ranging on all ranges. Current measurement and the non-contact voltage sensor do not need the test leads; all other functions will require their use. The voltage detection function can identify the presence of live AC voltages from 50 V to 1000 V at 50 to 500 Hz. It is operational on any range including OFF. Voltage is capacitively detected, signalled by a tone sounding and the illumination of a red LED situated below the clamp head. Features include

- Auto-off feature that activates after approximately 10 minutes
- Designed to withstand a 1.22m (4 feet) drop without damage.
- The display is a large 3 1/2 digit LCD
- In difficult or awkward locations, the display can be frozen with the "HOLD" function, removed from the cable under test and read independently.
- Compact pocket sized design
- 200.0 A AC Open Jaw current measurement
- 0.1 V to 1000 V auto-ranging AC and DC voltage measurement
- 0.1 Ω to 20.00 M Ω , resistance range
- Continuity buzzer and diode check
- Non-contact detection of AC voltage
- CAT III 1000V
- CAT IV 600 V
- Included accessories Batteries, Pouch, Test leads, User guide

Stock No	Description	Price
288512	DCM330	99.00

Battery Life 250 hours 2 x AAA alkaline
 Size (W x H x D) 540 x 193 x 31 mm
 Weight .280 kg

Optional accessories include :
 Red/black test leads with croc clips 6220-779
 Red/black fused test leads (500 mA) with croc clips 6220-789
 Calibration Certificates

 For full specifications see www.megger.co.uk



Megger DCM340 Digital Clamp Meter

The DCM340 is a highly versatile instrument and ideal for use in the installation, maintenance, monitoring or checking of AC or DC electrical systems and equipment. Capable of measuring AC and DC current up to 600 A; AC and DC voltage up to 600 V; resistance up to 400 Ω and frequency up to 400 Hz. Current measurement combined with the comprehensive and accurate multimeter functions of the DCM340 eliminate the need to carry around both a clamp meter and multimeter - this instrument does it all. The large clear digits of the numeric display are complemented by the high-resolution digital bar graph, useful for indicating trending and fluctuation of measurement. The back light assists use in poorly lit areas such as distribution cupboards and corners of switchrooms; and the data-hold feature enables use on difficult access cables where otherwise the display may be impossible to see. Min/Max hold provides the ability to store the maximum and minimum DC or RMS values over a period of time. While storage is taking place, either the present, maximum or minimum value can be displayed. Peak hold stores the maximum and minimum peak value of an AC signal at a 10 ms sample rate. The auto-off feature automatically places the meter in power-save mode after 30 minutes from power-on, but this can be disabled if required for min/max measurements. Using the Relative mode (REL), a stable value can be stored, the instrument zeroed at that point, and then any variation from that value is displayed as a direct measurement relative to it. Features include

- DC and AC current and voltage
- 600 A and 600 V
- Resistance and continuity
- 3½ digit, 4000 count display with backlight
- High resolution digital bar graph
- Peak, min/max and data-hold functions
- Drop-tested to 1.2 m onto a hard floor
- Cat III 600 V
- Included accessories : Batteries, Pouch, Test leads, Users guide

Stock No	Description	Price
288513	DCM340	135.00

Battery Life 200 hours 1 x 9 V alkaline
 Size (W x H x W) 680 x 237 x 42 mm
 Weight 0.225 kg
 Warranty 1 year

Optional accessories include :
 Red/black test leads with croc clips (6220-779)
 Red/black fused test leads (500 mA) with croc clips (6220-789)
 Calibration certificates

For full specifications see www.megger.co.uk



Megger MMC850 Multi-core AC Digital Clamp Meter

The NEW Megger MMC850 offers a unique solution to current measurement in multi-core cables, without the need to split cores. Simply clamp the MMC850 to a multicore cable and read the current flowing. Conventional current clamp meters have been available for many years and are an accepted method of non-intrusive current measurement. However these instruments can only measure current in a single core cable, requiring multi-core cables to be split before a core can be measured. Unlike conventional clamp meters, the MMC850 has a complex array of Planer magnetic sensor coils to calculate the current flowing in the conductors of multicore cables with either 2 or 3 cores, and in either flat or round section cable, up to 100 A. The convenience and potential time saving from using the multi-core clamp is considerable. A single button switches the clamp between multi-core and single core operation, ensuring the MMC850 is the only clamp meter you need to carry. The MMC850 has a tough and lightweight clamp head, allow good access to awkward locations and cables. The inner jaw clamp centralises the cable to be measured ensuring best accuracy. The MMC850 is suitable for supply frequencies from 45 Hz to 400 Hz. Current measurement to 200 A on single core and 100 A on multi-core cables is possible, with a resolution to 0.1 A, so covering the majority of power applications including Military/Aviation. Features include

- The tough case is manufactured in ABS and the contoured design fits comfortably in the hand with a positive finger guard
 - Single, two or three core cable measurement
 - Flat or round section cables
 - No need to split wires
 - Cable centralising clamp
 - Display 3½ digit 2000 count
 - Backlit display
 - 50Hz and 60Hz supplies
 - CAT III 600 V
 - Included accessories : carry case, user guide
 - Optimised for the most commonly encountered cable types
- European
 H05VV-F (3-core) 1.5mm²
 H05VV-F (3-core) 2.5mm²
 A05VVH2-RU 2.5mm²
 A05VVH2-RU 4.0mm²
 A05VVH2-RU 6.0mm²
 H05VV-F (2-core) 0.75mm²
 H03VV-F (2-core) 0.75mm²
 T4 6004 (Flat Triple) 2.5mm²
 T4 6004 (Flat Triple) 3.5mm²
 T4 6004 (Flat Triple) 10mm²
 T4 6004 (Flat Triple) 16mm²
 6193Y (Flat Triple) 1.5mm²
 6193Y (Flat Triple) 2.5mm²
 6193Y (Flat Triple) 4.0mm²
 North American
 1277 CVTC Wire 12 AWG
 1277 CVTC Wire 10 AWG
 1277 CVTC 2 Wire Flat D10
 1277 CVTC 2 Wire Flat D14
 1277 CVTC 2 Wire Flat D16
 1277 CVTC 2 Wire Flat D18
 1277 CVTC 2 Wire 10 AWG
 1277 CVTC Wire 14 AWG
 1277 CVTC Wire 18 AWG
 1277 CVTC Wire 16 AWG
 1277 VNTC 3 Wire 10 round
 1277 VNTC 3 Wire 18 round
 1277 CVTC 3 Wire 16 AWG
 1277 VNTC 3 Wire 16 round
 1277 VNTC 3 Wire 12 round
 62 SO 2 wire round 14 AWG
 62 SO 3 wire round 14 AWG
 1277 CVTC 3 Wire 12 AWG
 UF-B Unshielded 12 AWG
 UF-B Unshielded 10 AWG
 NM-B Unshielded 14 AWG
 SPT-2 Insulated 18 AWG

Megger MMC850 Multi-core AC Digital Clamp Meter CONTINUED >

Stock No	Description	Price
288520	MMC850	185.00

Main jaw capacity 13 mm
 Inner jaw capacity 22 mm
 Battery Life 180 hours typical 9 V alkaline
 Size (H x W x D) 227 x 94 x 44.5mm

Optional accessories include :
 Calibration certificates

For full specifications see www.megger.co.uk



Megger MTB7671 Instrument Test Box

The MTB7671 is designed to provide confirmation that your testers continue to operate properly, and maintain their accuracy and consistency between calibrations. The NICEIC, ELECSA and Corgi among others now request evidence that your testers comply with this. The MTB7671 checks not only the basic functions of the testers, but also that the correct test current or voltage is being used during the test. For example, a continuity test should not just give a result in ohms, but the short circuit test current should be greater than 200 mA and the open circuit voltage should be within the limits of 4-24 V. The PASS/FAIL values are selected to ensure that where there is a published specification for a test parameter then the MTB7671 will test your tester to ensure that it meets these specifications using a series of simple Pass/Fail indications. Additional test values are provided to ensure that the testers maintain consistent values across the range of their operating specifications. The values chosen for MTB7671 test points are the same as those supplied on all new Megger test instrument calibration certificates which means that you can confirm that the tester continues to provide results that are consistent with its original calibration points. Features include

- Insulation testers
 The MTB7671 provides confirmation that tester outputs the correct voltage and current (>1 mA) for each of the test voltage points. (250 V, 500 V and 1 kV). Additional test values are provided at 9 M Ω and 90 M Ω
- Continuity testers
 The MTB7671 provides confirmation that the tester outputs the correct open circuit voltage (4-24 V) and short circuit current (>200 mA). Test values at 0.5 Ω and 5 Ω are provided for resistance measurements
- Loop testers
 The MTB7671 provides a direct loop measurement from the outlet socket which can be measured either with a Trip or No Trip test as the MTB7671 is designed to not trip RCD protected circuits. In addition it has Loop plus 1 Ω and loop plus 180 Ω for testing against TT measurements. It also has a switch position for PFC tests which is linked to the loop plus 1 Ω measurement point for consistency of measurements
- RCD testers
 The MTB7671 provides three RCD values (10 mA, 30 mA and 100 mA). For each value the five standard tests (1/2I, I @ 0°, I @ 180°, 5I @ 0° and 5I @ 180°) can be performed. The MTB7671 has two LED indicators for RCD testing, one to show the RCD has tripped and one to show that a 5I test is being performed
- Voltage measurement
 The MTB7671 also has 230 V output terminals to provide a quick check of any voltage measurement ranges on the instrument
- RCD Protection
 The Test box can be used on either standard or RCD protected supplies without the risk of tripping the supply. The test box is itself protected by a 30 mA RCD to ensure any faulty testers cannot cause an unsafe situation
- Tests the full range of a testers capability
- Does not trip RCD protected circuits
- Tests to the regulations BS7671, BS EN 61557 and IEE On-Site Guide

Stock No 288520



CONTINUED >

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Megger MTB7671 Instrument Test Box CONTINUED >

- Checks insulation, continuity, loop, PFC and RCD functions
- Confirms testers continued performance between calibrations
- Colour coded test functions
- The test box is supplied with a pack of 10 history cards and "Passed" labels, which can be stored in the test box

Stock No	Description	Price
288525	MTB7671	389.00

Dimensions 320 x 280 x 100 mm
 Weight 2.2 Kg

Additional cards and labels are available

For full specifications see www.megger.co.uk



Megger MIT200 Series Insulation & Continuity Testers

The MIT200 is one of the smallest insulation testers available on the market today. With options of a two and three test voltage instruments, the MIT200 instruments offer a range of safety and operation features. The display offers a combination of digital readout and analogue display, using Megger's patented DART display technology, which include the benefits of an LCD display, such as robust, clear and accurate measurement, with an analogue pointer response for evaluating circuit charge and discharge characteristics. The instrument housing is in tough ABS, designed to withstand the rigours of hard use, and is small enough to drop into your pocket when not in use. Battery requirements are 6 AA batteries of either standard alkaline or nickel metal hydride (NiMH) rechargeable type. A low battery warning indicator gives advanced warning of exhausted batteries. Feature include

- Continuity testing : - Automatic continuity testing is performed at 200 mA to ensure compliance with international requirements. No need to press the test button. All instruments will measure up to 100 Ω on continuity, of which 0-10 Ω is performed at greater than 200 mA to meet international electrical testing requirements. Lead null is possible up with to 9.99 Ω of test lead resistance, ensuring the ability to null fused test leads as well as standard leads.
- Continuity buzzer : - A continuity buzzer provides a means of rapid cable testing and circuit identification, with voltage protection should you accidentally touch a live circuit. The buzzer operates at a 2 Ω threshold
- Insulation testing : - The instruments offer one of two configurations, providing an ideal solution to most low voltage insulation testing applications
- Insulation testing is possible up to 1000 M Ω on all ranges
- Auto discharge ensures all circuits are safely discharged after testing
- 1000 V insulation test ranges have a high voltage warning prior to test voltage being applied
- Meets the international EN 61557 requirements of the rated test voltage into a 1 mA load
- Digital display of insulation measurement up to 1000 M Ω on a linear or logarithmic analogue arc and a digital display
- Continuity range has 0.01 Ω resolution and a short circuit current in excess of 200 mA
- Automatic continuity testing leaves both hands free. No need to press the test button
- Automatic power-off if left unattended reduced wasted battery life
- Automatic voltage detection avoids accidental contact with dangerously live circuits
- Test lead zero allows compensation for test lead resistance
- Buzzer range operates at < 2 Ω
- IP rating IP40
- CAT III 600 V
- Included accessories : Lead set with prods and clips, Carry case

CONTINUED >

Megger MIT200 Series Insulation & Continuity Testers CONTINUED >

Options	MIT220	MIT230
Insulation testing		
250 V	•	•
500 V	•	•
1000 V	•	•
1000 M Ω range	•	•
Auto-ranging	•	•
Auto discharge	•	•
Test inhibit	•	•
Live circuit voltage display	•	•
Continuity testing		
Continuity at >200 mA	•	•
Continuity to 0.01 Ω	•	•
Test lead null (9.99 Ω)	•	•
Automatic continuity test	•	•
Continuity buzzer with 2 Ω threshold	•	•
Default volts warning	•	•
General		
Digital display + arc	•	•
Battery condition	•	•
Auto power down	•	•

Stock No	Description	Price
288530	MIT220	249.00
288531	MIT230	309.00
288532	MIT230-HD	319.00

The MIT230-HD is the same as MIT230 with rubber boot

Battery Life 3000 consecutive tests
 Size 195 x 98 x 40 mm
 Weight 0.53 kg

Optional accessories include :
 Replacement lead set (6220-779)
 Fused lead set (6220-789)
 Removable protective holster (5410-346)
 Carry pouch (6220-773)
 Calibration certificates

For full specifications see www.megger.co.uk



Megger MIT300 Series Insulation & Continuity Testers

The Megger MIT300, MIT310 and MIT320 all feature the popular Megger digital/analogue display. Large 20mm high characters provide very clear readout, combined with an analogue arc for the feel of an analogue instrument, with a true analogue response. The MIT300 series has applications in all aspects of domestic, commercial and industrial electrical contracting, building maintenance, testing, inspection and servicing. Combining both insulation testing and continuity testing, each instrument caters for all aspects of fixed wiring installations. Further applications can be found in panel building, testing of motors, generators, switchgear and power tools, street lighting and low volume manufacturing environments etc. The Megger MIT310A has a moving coil display for those who prefer a real moving needle. The MIT330 additionally offers the facility to save test results to internal memory. Over 1000 results can be saved on site, and downloaded to a computer when convenient. Features of the series include

- Tough:- Designed to take the bashing that testers receive on site, the Megger MIT insulation testers are rubber armoured.
- The rigid display cover folds right out of the way during testing and locks down to protect the display when it is finished.
- Simple to use:- No buried functions mean it is obvious how to use the Megger MIT.
- Colour coded ranges help test selection, reducing testing time and help with fault location.
- A user guide in the lid provides all the basic information.

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Megger MIT300 Series Insulation & Continuity Testers CONTINUED >

- Hands free use:- It hangs comfortably around the neck for hands-free use because the instrument is carefully balanced.
- Continuity and buzzer testing starts automatically on connection to the circuit.
- Insulation tests being activated from the instrument or the switch probe, supplied with MIT320 and MIT330 (not suitable for the use with the MIT300 or MIT310).
- Backlighting:- Both the display and the range selected can be read in the dark because the MIT 320/330 has a backlit display and range selection.
- Safety features:- To protect the user and the tester from incorrect use the MIT series all have an extensive range of features known as the Megger Intelligent Safety System including:
- Safety Interlock - prevents unsafe connection of test leads
- Safe contact detectors - Even if the MIT is connected to a live circuit whilst on continuity setting the tester will remain safe and not be damaged
- Live voltage warning - alerts the operator when a circuit voltage over 25 V exists
- Safety lockout - Prevents the test from operating when the circuit voltage is >50 V
- Continuity check - prevents a continuity test or buzzer test on a live circuit
- Result storage and downloading to a PC using Download Manager (supplied) or Megger Powersuite Professional or sWindows software
- USB interface
- Weatherproof to IP54
- CAT III 600 V
- The MIT300, 310, 320 and 330 meet or exceed the UK and International Wiring Regulations, including requirements of BS7671 and VDE 0413 parts 1 and 4, HD 384, IEC 364, NFC15-100, NEN3140, ES59009 and EN 61557.
- Included Accessories : Test lead set and crocodile clips, SP4F Switch probe (MIT320 and MIT330 only)

Function	MIT300	MIT310	MIT310A	MIT320	MIT330
Insulation testing					
250 V	•	•	•	•	•
500 V	•	•	•	•	•
1000 V	•	•	•	•	•
Test range	999 M Ω	999 M Ω	999 M Ω	999 M Ω	999 M Ω
Insulation limit alarm (0.01 M Ω to 999 M Ω)				•	•
Continuity testing					
Continuity to 100 Ω	•	•	•	•	•
Continuity buzzer	•	•	•	•	•
Lead null to 9 Ω	•	•	0.5 Ω	•	•
Adjustable buzzer 1 to 20 Ω				•	•
Audible buzzer disable				•	•
Voltage measurement					
Volts AC/DC		600 V	600 V	600 V	600 V
Resistance measurement					
10 Ω to 1 M Ω range				•	•
Features					
Voltage warning	•				
Default voltmeter		•	•	•	•
Backlit display				•	•
Backlight selector ranges				•	•
Locking test button	•	•	•	•	•
Auto powerdown	•	•	•	•	•
Switched test probe				•	•
IP54 weatherproof	•	•	•	•	•
Accepts rechargeable batteries	•	•	•	•	•
1000 Test result storage					•
Downloading					•
Calibration certificate	•	•		•	•
3 years warranty	•	•	•	•	•

Stock No	Description	Price
288540	MIT300	289.00
288541	MIT310	369.00
288542	MIT310A	329.00
288543	MIT320	399.00
288544	MIT330	449.00

Battery Life 5000 consecutive tests
 Size 203 x 148 x 78 mm
 Weight 0.98 kg
 Warranty 3 Years

Optional Accessories include
 Fused test lead set (6220-789)
 PowerSuite Pro-Lite 16th
 Calibration certificates

For full specifications see www.megger.co.uk



Megger MIT400 Series Insulation Testers

The new Megger MIT400 series insulation and continuity testers has been designed for electrical testing by the utilities, industrial, commercial and domestic electricians. The wide range of features also makes the MIT400 series ideal for the maintenance and service/repair engineer. The range consists of five instruments:

MIT400 :- 250 V, 500 V and 1000 V

MIT410 :- 50 V, 100 V, 250 V, 500 V and 1000 V + PI, DAR

MIT420 :- 50 V, 100 V, 250 V, 500 V & 1000 V + PI, DAR and result storage

MIT430 :- 50 V, 100 V, 250 V, 500 V & 1000 V + Bluetooth download

MIT40X :- 10 V to 100 V in 1 V steps

The MIT400 includes all the features required for electricians and engineers working in a range of industries. Available features are selected to make testing easy and fast in a range of situations. Typical industries include: electrical supply companies, large and small scale electrical installation, periodic inspection and testing, cable testing.

The MIT410 and MIT420 add additional features required for engineers working on more demanding applications. Functions such as PI and DAR, capacitance measurement and higher insulation range increase the suitability for applications such as: manufacturing/production testing, panel building, railway and other transportation, motor testing, cable inspection/quality control, street lighting maintenance, avionics ground testing and maintenance, military applications. The MIT420 is capable of saving test results for recall to the screen.

The MIT430 supports both test result storage and downloading. Test results can be stored in the instrument and subsequently downloaded to a computer via Bluetooth with the Megger download manager software. The MIT40X provides a unique solution for awkward insulation voltage measurement applications. The MIT40X has a variable insulation test voltage from 10 V to 100 V in 1 V steps, selectable in the "Set-Up" menu. Typical applications include: commercial avionics, military land, marine and air communications, manufacturing /production line goods, electrostatic measurement, component testing, battery powered traction and lifting equipment

Features of the MIT400 series include
INSULATION TESTING

- Test voltages - 250 V to 1000 V or 50 V to 1000 V insulation test voltages available
- Test Lock - Locks insulation test on continuously.
- Test voltage display - The actual test voltage is displayed on the smaller digital readout, with the insulation result on the larger digital display.
- Analogue arc - The display also features an analogue arc to replicate the response of a moving coil display
- PI and DAR - Polarisation Index (PI) and Dielectric Absorption Ratio (DAR) functions
- 200 G Ω - Insulation testing from 20 G Ω (MIT400) to 200 G Ω (MIT420 and MIT430).
- Silicone leads - High quality flexible silicone test leads are comfortable to use and prevent measurement errors on higher G Ω ranges.
- Test inhibit - prevents testing if voltages in excess of 50 V are detected when making insulation tests.
- Insulation buzzer - The buzzer can be set to buzz if the insulation resistance is above a preset limit, set via the Setup menu.

CONTINUITY TESTING

- Auto-test - Auto test on circuit contact enables real two handed operation without the need to press the test button.
- 200 mA or 20 mA - Either 200 mA or 20 mA continuity test currents are available. 20 mA test current will considerably increase battery life.
- Lead null - Lead resistance compensation (NULL) operates up to 9.99 Ω of resistance
- Buzzer - ON-OFF selected by simple push button.

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Megger MIT400 Series Insulation Testers CONTINUED >

- Buzzer limit - Continuity buzzer limit alarm provides adjustment of the maximum resistance the continuity buzzer sounds. This is adjustable from 1 Ω to 20 Ω in 5 steps.
- k Ω range extends resistance measurement to 1 M Ω .
- DISPLAY :- The display offers a combination of analogue arc and a dual digital readout:
- Full display width analogue arc.
- Patented arc display shows essential charge and discharge characteristics not visible on a digital display.
- Single pointer "needle" response is similar to a moving coil meter.
- Logarithmic display for better low insulation value measurements.
- Large main digital readout for good visibility of all main measurement results
- Second digital display for additional data such as: Insulation test voltage, Insulation leakage current, Supply frequency (when measuring volts), Test mode eg. PI, DAR or TI (Timed mode).

SAFETY

- Designed to be exceptionally safe to use, fast detecting circuitry prevents damage to the instruments if accidentally connected to live circuits or across phases.
- Meet the international requirements of IEC1010-2 and EN61557.
- Live circuit detection inhibits insulation testing on circuits above 50 V.
- Live circuit detection and test inhibit on continuity measurements.
- Default display of live circuit voltage on all ranges.
- Detection and inhibit functions even if the protection fuse has failed.
- 600 V CAT IV
- Included accessories :- Hard case, Test leads: 2 wire lead set with probes, 2 x croc clips, 1 x instrument rubber boot, 1 x Calibration certificate (not included with MIT40X), 1 x Switched probe (not included with MIT400 and MIT40X), Owners information CD

Insulation Voltage range	400	410	420	430	40X
10-100 V variable (2 G Ω - 20 G Ω)					•
50 V		5G Ω	10G Ω	10G Ω	
100 V		10G Ω	20G Ω	20G Ω	
250 V	5G Ω	20G Ω	20G Ω	50G Ω	
500 V	10G Ω	50G Ω	100G Ω	100G Ω	
1000 V	20G Ω	100G Ω	200G Ω	200G Ω	
Insulation range	20G Ω	100G Ω	200G Ω	200G Ω	2-20G Ω
Leakage current display	•	•	•	•	•
INS test voltage display	•	•	•	•	•
Continuity measurement 0.01 to 99.9 Ω	•	•	•	•	•
Variable current limit. 200 mA/20 mA	•	•	•	•	•
Fast buzzer- selectable threshold	•	•	•	•	•
k Ω range to 999 k Ω	•	•	•	•	•
Other functions and features					
Live circuit warning at 50 V	•	•	•	•	•
Default voltmeter	•	•	•	•	•
TRMS measurement to 600 V	•	•	•	•	•
Frequency Hz - 40 to 400 Hz		•	•	•	•
Capacitance (0.1 nF to 10 μ F)			•	•	•
Backlight	•	•	•	•	•
Battery condition display	•	•	•	•	•
Insulation Timed - PI - DAR Tests		•	•	•	
Test button plus lock button	•	•	•	•	•
Limit alarm pass band on INS			•	•	•
Auto power down	•	•	•	•	•
Result storage			•	•	
Bluetooth downloading				•	
Included accessories					
Red/black silicone lead set with clips	•	•	•	•	•
Protective rubber boot	•	•	•	•	•
Remote switch probe		•	•	•	

Stock No	Description	Price
288550	MIT400	309.00
288551	MIT410	365.00
288552	MIT420	415.00
288553	MIT430	479.00
288554	MIT40X	405.00

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Megger MIT400 Series Insulation Testers CONTINUED >

Battery Life	2200 insulation tests
Size	220 x 92 x 50 mm
Weight	0.59 kg

Optional accessories include:

- Replacement lead set (6220-813)
- SP5 remote switch probe (6220-812)
- Rubber boot with stand (6231-802)
- Hard case (5410-420)
- Test and carry case (6220-860)
- Calibration certificates

For full specifications see www.megger.co.uk



Megger MIT480 Series Telecommunications Insulation Testers

The Megger MIT480 series instruments have been developed specifically for the telecommunications industry. The insulation and continuity testers combine the latest range of measurement techniques with new instrument design to provide a state-of-the-art tester that is compact and comfortable to hold. The range is: MIT480 :- 50 V, 100 V tester
MIT481 :- 50 V, 100 V, 250 V, 500 V, 1000 V tester
MIT485 :- As 481 plus downloading results
The MIT481 is capable of saving test results for recall to the screen. A simple storage structure allows for a test number and screen results to be recalled individually. The MIT485 supports both test result storage and downloading. Test results can be stored in the instrument and subsequently downloaded to a computer via Bluetooth with the Megger download manager software. Features of the 480 series include

INSULATION TESTING

- Test voltages - 50 V/100 V or 50 V to 1000 V insulation test voltages available depending on instrument. The actual test voltage is displayed on the smaller digital readout, with the insulation result on the larger digital display.
- Analogue arc - The display also features an analogue arc to replicate the response of a moving coil display.
- Insulation leakage current - The MIT481 and MIT485 offer insulation leakage current display, in addition to insulation test voltage
- Insulation testing - up to 10 G Ω or 200 G Ω test range are available.
- Silicone test leads - (supplied) are essential to prevent error in measurement on insulation tests of greater than 10 G Ω .
- Test inhibit - prevents testing if voltages in excess of 75 V are detected when making insulation tests.
- Test lock - allows the insulation test to be 'locked' on continuously.
- Timed testing - MIT481 and MIT485 have timed insulation test options

CONTINUITY AND RESISTANCE

- Either 200 mA or 20 mA continuity test currents are available. 20 mA test current will considerably increase battery life.
- Auto test - on circuit contact enables real two handed operation without the need to press the test button.
- Lead null - Lead resistance compensation (NULL) operates up to 9.99 Ω of resistance.
- Buzzer ON-OFF - selected by push button.
- Limit alarm - Continuity buzzer limit alarm provides adjustment of the maximum acceptable resistance. Resistance below the set limit sounds the buzzer k Ω range - extends resistance measurement from 10 Ω to 1 M Ω .

CAPACITANCE MEASUREMENT

- Auto ranges from 0.1 nF to 10 μ F. Results are displayed on the primary digital display.
- Cable length - is displayed on the secondary display. Cable length is calculated from an adjustable cable capacitance reference (default 50 nF/km).

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Megger MIT480 Series Telecommunications Insulation Testers CONTINUED >
VOLTAGE AND FREQUENCY

- CAT IV 600 V
- AC V - True RMS up to 600 V, DC V - up to 600 V.
- Fully auto-ranging - from 10 mV up to 600 V provides wide range of applications and suitable for transducer inputs
- A default voltmeter - is activated on any test function if a circuit voltage is detected.

OTHER INSTRUMENT FEATURES

- All tests will be inhibited if a live circuit voltage above 75 V is detected.
- Instrument fuse failure will not affect instrument safety functions.
- Rubber boot combines the tough shock absorbing outer protection with excellent grip, on a strong modified ABS housing, providing an almost indestructible case.
- Battery requirements are 5 AA batteries of either standard Alkaline or Nickel Metal Hydride (NiMH) rechargeable type.
- Battery condition status is permanently displayed.
- IP54 Protected against dust and splashing water
- Included accessories : Hard case, Test leads: 2 wire lead set, 1 x instrument rubber boot, 1 x Calibration certificate, 1 x Switched probe (not included with MIT480), Owners information CD

Insulation Voltage range	480	481	485
50-100 V	•	•	•
250 V, 500 V, 1000 V	•	•	•
Insulation range	10 GΩ	200 GΩ	200 GΩ
Leakage current display	•	•	•
INS test voltage display	•	•	•
Live circuit warning at 75 V	•	•	•
Continuity measurement	•	•	•
Variable current limit	•	•	•
200 mA/20 mA	•	•	•
Fast buzzer - selectable threshold	•	•	•
kΩ range to 999 kΩ	•	•	•
Voltage measurement	•	•	•
Default voltmeter	•	•	•
TRMS measurement to 600 V	•	•	•
Other measurement	•	•	•
Frequency Hz - 15 to 400 Hz	•	•	•
Capacitance (0.1 nF to 10 μF)	•	•	•
Distance by capacitance	•	•	•
Additional features	•	•	•
Result storage	•	•	•
Bluetooth® downloading	•	•	•
Backlight	•	•	•
Battery condition display	•	•	•
Insulation Timed - PI	•	•	•
- DAR Tests	•	•	•
Test button plus lock button	•	•	•
TNV 3 circuits	•	•	•
Included accessories	•	•	•
Red / Black silicon lead set with clips	•	•	•
Protective rubber boot	•	•	•
Remote switch probe	•	•	•
Calibration certificate with product	•	•	•
Batteries	•	•	•

Stock No	Description	Price
288555	MIT480	395.00
288556	MIT481	545.00
288557	MIT485	609.00

Battery Life 2200 insulation tests
 Size 220 x 92 x 50 mm
 Weight 0.59 kg

Optional Accessories include :
 Replacement lead set (6220-813)
 SP5 remote switch probe (6220-812)
 Rubber boot with stand (6231-802)
 Hard case (5410-420)
 Test and carry case (6220-860)

For full specifications see www.megger.co.uk

All prices and descriptions correct at time of publication and are subject to change without notice


Megger LT300 High Current Loop Tester

The LT300 offers high current loop testing over a wide range of frequencies and supply voltages with simple, fast, two wire operation. It has a large clear display that aids visibility in poor conditions. Two models are available: LT300-EN-00 - with red/green leads and LT300-EN-BS - with BS1363 mains plug lead. Please state which is required. Features include

- The high current loop test provides fast accurate and stable results with a resolution to 0.01 Ω on the 20 Ω range.
- Supply frequency is indicated upon connection to the supply. This will automatically set to the measured supply frequency either 16 Hz, 50/60 Hz or 400 Hz. Testing will commence automatically
- Two loop impedance ranges are provided: 20 Ω - Resolution to 0.01 Ω and 200 Ω - Resolution to 0.1 Ω
- Operational supply range extends from 50 V to 550 V (400 V @ 16 Hz), with a warning for voltages over 330 V highlighting accidental phase to phase connections on a nominal 230 V system
- Single Phase CAT IV 300 V phase to earth, as well as 550 V phase to phase applications (400 V @ 16 Hz)
- The instrument is housed in a rubber armoured case with a built-in cover to protect the display when not in use
- The IP54 weatherproof rating provides excellent protection in adverse conditions
- CAT IV 300 V
- The instrument is supplied with either a two wire (red/green) lead set, or a mains plug test lead for access to wall sockets, a certificate of test and a hard carry case.

Stock No	Description	Price
288560	LT300	335.00

Battery 8 x AA alkaline or NiMH
 Dimensions 203 x 148 x 78 mm
 Weight 980 g

Optional accessories include
 Red/green 2 wire Lead set 6220-784
 Mains plug test lead (BS1363) 6220-810

For full specifications see www.megger.co.uk


Megger LTW300/400 Series 2 Wire Loop Impedance Testers

The Megger two wire earth loop testers verify the loop impedance of a live electrical circuit, i.e. without the need to disconnect the electrical supply. The LTW300 series offer a range of features to make earth loop testing safer and easier. The range consists of:

- LTW315 - 2 Wire loop impedance measurement
- LTW325 - 2 wire + maxZ + (R1+R2)
- LTW335 - 2 wire + maxZ + (R1+R2) + Download
- LTW425 - 2 wire + maxZ + (R1+R2) + 0.001 Ω

Megger LTW300/400 Series 2 Wire Loop Impedance Testers CONTINUED >

Measurement of impedance of a 'live' electrical circuit cannot be made using a continuity tester. Thus an earth loop tester must be used. Earth loop testers measure circuit loop impedance. Radial circuits can now be tested as easily as a wall socket or distribution panel using the 2 wire tester, where it can be impractical, very difficult or even impossible to connect a 3 wire tester. The LTW300 series instruments offer a 2 wire loop testing solution that does not trip 30 mA RCDs and can be used on a wide range of voltages. Features include

- A loop test is performed with only 2 test leads. This can be either:
 Phase to Earth
 Phase to Neutral
 Phase to Phase
- Test results are displayed to a resolution of 0.01 Ω
- 3 Phase circuits with RCD protection can also be tested, as all test modes operate on single and three phase systems
- High current loop testing for supplies that do not have an RCD fitted
- Noise detection on No-trip test
- Two operational modes are available:
 a) 10 second test:
 b) Auto test extension
- Auto-start function will start the loop test running as soon as the test leads are connected
- 3 plug options : BS1363, Schuko, AU/NZ
- Included Accessories : One of the following 3 lead sets (BS1363 to 3 x 4 mm socket lead set, Schuko plug test lead, AU/NZ plug test lead), 2 wire lead set with croc clips, Hard carry case, User CD, Calibration Certificate

Loop testing	LTW315	LTW325	LTW335	LTW425
2 wire non-tripping	•	•	•	•
Loop testing	•	•	•	•
2 wire fast test (high current)	•	•	•	•
110 V to 280 V applications	•	•	•	•
50 V to 440 V applications	•	•	•	•
Phase to Phase testing	•	•	•	•
20 KA PFC range	•	•	•	•
40 KA PFC range	•	•	•	•
0.01 Ω resolution	•	•	•	•
0.001 Ω resolution	•	•	•	•
AUTO noise detection	•	•	•	•
AUTO Start loop test	•	•	•	•
Voltage measurement	•	•	•	•
Frequency measurement	•	•	•	•
Max Zs display	•	•	•	•
R1+R2 display	•	•	•	•

Features	LTW315	LTW325	LTW335	LTW425
Backlit display (White light)	•	•	•	•
Built-in front cover (Foldaway)	•	•	•	•
IP54 Weatherproof case	•	•	•	•
Accepts rechargeable batteries	•	•	•	•
Test result storage	•	•	•	•
Downloading test results	•	•	•	•
Test lead set with crocs	•	•	•	•
Mains socket test lead	•	•	•	•
Full Calibration Certificate	•	•	•	•
IEC61010-1 300V	•	•	•	•
CATIV	•	•	•	•
EN61557	•	•	•	•

Stock No	Description	Price
288561	LTW315	469.00
288562	LTW325	529.00
288563	LTW335	576.00
288564	LTW425	565.00

Battery 8 x AA alkaline or NiMH cells
 Battery life 2000 consecutive tests
 Size 203 x 148 x 78 mm
 Weight 1.0 kg
 Warranty 3 years
 Optional Accessories include
 2 wire test lead set (fused) 10 A with croc clips 6220-827

For full specifications see www.megger.co.uk