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Di-LOG

...measurably better

test equipment

2019



Welcome to the latest Di-Log group catalogue

Di-LOG

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A fully comprehensive range of test equipment from a voltage indicator to portable appliance testing kits.

All Di-Log instruments are designed and manufactured to the highest quality specification and you can be assured that all manufacturing processes adhere to internationally recognised standards.

Di-Log instruments are accurate, safe and rugged - you won't find a better balance between cost and fitness for purpose.

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A comprehensive range of Test Equipment to hire

We offer a wide variety of instrumentation from Power Quality Analysers, to Thermal Imagers and 18th edition Installation Testers to PAT Testers. We are continuously adding to our hire fleet of test instruments, so please visit our website or contact our sales team for the latest product, price and availability.

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All Di-Log products are available from electrical distributors, nationwide. For details of your nearest stockist, please call Customer Service, where our sales staff will be happy to advise you.



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18th Edition Installation Testers 4 - 5

Voltage & Continuity Testers
Lockout & Safe Isolation 6 - 7

Digital Multimeters 8 - 10

Video Borescope/Wall Scanner 11

Clamp Meters 12 - 14

Portable Appliance Testers 15 - 18

5kV Insulation Testers/ERT 19

Voltage Indicators/Lamp Testers 20

Analogue Multimeter/Socket Testers 21

Cable Locator/Microwave Leakage Detector 22

Environmental 23 - 26

Solar 27 - 28

Test Leads, Probes & Accessories 29

IHUK Test Equipment Hire 30

Calibration & Repair Services 31

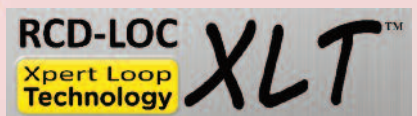
THE ALL NEW DL911x Series 18th Edition Multi Function Tester

Multimeters Voltage 18th Edition Phase Rotation Clamp

DL9110 18th Edition Multi Function Tester



The ALL NEW DL911x series multifunction tester has been designed to fully comply with the testing requirements of the 18th Edition. It also incorporates many of the features that we have come to expect with modern MFTs. It is designed to be worn around the neck with a comfortable harness, for easy function selecting and testing.



DL9118 Advanced 18th Edition Multi Function Tester



Di-Log's NEW patented Expert Loop Technology provides highly accurate loop testing, virtually eradicating interference caused by RCD uplift and reducing the effect of noise. All without the risk of tripping out any RCD or RCBO.

The DL9110 is the entry level instrument in the series packed full of features for the most demanding electrical test application. Some of these features are Auto Start Loop & Continuity, UK's largest colour changing RGB LCD display screen indicating error, Auto RCD test with ramp feature and has full range Protection if tester is accidentally connected to voltage on a dead test.

The DL9118 has the more advanced features for commercial applications, such as 1000V Insulation Testing, Phase to Phase Earth Loop, Phase Rotation and supplied with a remote test probe (optional on the DL9110).

All in all, the DL911x series offers incredible value for a feature packed MFT meeting all the safety and performance requirements of BS EN 61557

DL911x Series Features

- Loop Impedance – Unique auto start RCD-LOC XLT loop test principle will not trip any RCD
- Auto Start Earth Loop & Continuity Tests
- Phase to Phase Loop & Phase Rotation (DL9118)
- User Friendly Design with Tool Box Carry Case
- Full Range Protection when voltage incorrectly applied with a visual colour and audible alarm
- 1000V Insulation Test (DL9118)
- The UK's Largest RGB Screen
- Remote Test Probe (optional extra with the DL9110)
- Auto RCD & Ramp Test
- Full Calibration Certificate

2 YEAR WARRANTY

With option to extend to 3 years With the Di-Log Service Plan



Manufactured in the UK

THE ALL NEW DL911x Series 18th Edition Tester

Multimeters Voltage 18th Edition Phase Rotation Clamp

DL911x - Installation MFT Comparison

Feature	DL9110	DL9118
Continuity Test	✓	✓
Insulation Test	250V & 500V	250V, 500V 1000V
Auto Start Loop & Continuity	✓	✓
RCD Test (AC, A & S types)	✓	✓
Colour RGB Display	✓	✓
Colour Changing to indicate error	✓	✓
Auto RCD Test	✓	✓
RCD Ramp Test	✓	✓
Loop Test (3 wire Non-Trip)	✓	✓
PFC & PSC Fault Current (L-PE/L-N)	✓	✓
Phase - Phase Line Test (L-L)	X	✓
Phase Rotation	X	✓
Remote Probe	Optional	✓
Intelligent Full Range Protection	✓	✓
Full Calibration Certificate	✓	✓
Warranty Extendable to 3 years	✓	✓



Visit our DL911x series video library to watch our product demonstration videos.



Scan the QR code to view

DL9110 & DL9118 Specifications

Measurement	Range
Display	3½ digit LCD 1999 digits
Insulation resistance	0.05 – 2000MΩ
Nominal Test Current	<15mA (non-trip test), 3A (high current test)
Test voltage at 1mA	250, 500 and (1000V is DL9118 only)
Continuity	0.01 – 199Ω
Loop Impedance	0.01 – 2000Ω
PSCC	0 – 26kA
RCD nominal test currents	10, 30, 100, 300, 500mA, 1/2 x 30mA, 5 x 30mA
Trip time	0ms – 500ms
Tripping current with ramp test	1/2 rated current to 1.1 rated current
Voltage	0 – 440V Phase Rotation (applies to DL9118 only)
Frequency	45 – 65Hz
Safety standards	EN61010, BS EN 61557 BS 7671
Over voltage category	IEC 60664/IEC 61010, 300V Category III
Power supply	6 x 1.5V AA batteries (supplied)
Dimensions	260 x 105 x 55 mm
Weight	836g

DL9307 Insulation Tester with True RMS Multimeter

This insulation multimeter combines a digital insulation tester with a fully featured true RMS digital multimeter in a single handheld unit.

Features:

- Insulation test voltages: 125V, 250V, 500V, 1000V
- Min/max function
- K type temperature probe
- IP67 waterproof and auto power off
- Large LCD display with back light.



DL9307 Specification

Measurement	Range	Basic accuracy
DC Voltage	1000V	+/- 0.06% + 4 digits
AC Voltage	1000V	+/- 1.0% + 5 digits
DC Current	10A	+/- 1.0% + 3 digits
AC Current	10A	+/- 1.5% + 7 digits
Resistance	40MΩ	+/- 0.3% + 4 digits
Capacitance	40nf – 40mF	+/- 3.5 % +10 digits
Frequency	1000MHz	+/- 0.1% + 1 digits
Temperature	-50 to 1000°C	+/- 1.0% + 2.5°C
Insulation		
Test voltage	125, 250, 500, 1000V	+/- 2.0% + 10 digits
Range	0.125 – 4000MΩ	
Test Current	1mA	
Short circuit current	≤ 1mA	
Dimensions:	220 x 96.5 x 60.5mm	
Weight	631g	

DL9050N Insulation/Continuity Tester

Large back lit digital LCD and bar graph display. Measuring range up to 4000 Mohms. Test voltage range of 125, 250, 500 & 1000V. The double moulded case makes this instrument suitable for the most rugged applications

Features:

- Live circuit detection
- Min/max and data hold
- Output voltage lock function for easy operation
- Lead zero on continuity range
- Fully complaint to BSEN 61557



DL9050N Specification

Measurement	Range
Display	Large LCD & bar graph
Insulation resistance	0.1MΩ – 4000MΩ
Continuity	0.01Ω – 400Ω
Test voltage	125, 250, 500, 1000V DC
Test current	1 mA
Voltage AC	0 – 750V
Voltage DC	0 – 1000V
Safety standards	EN61010, BS EN 61557 BS 7671
Over voltage category	CAT III/1000V against ground
Power supply	6 x 1.5 V AA batteries (supplied)
Dimensions	200 x 92 x 50 mm
Weight	582g (including batteries)

Voltage/Continuity Testers

DL6780

CombiVolt™1 Voltage/Continuity Tester

DL6790

CombiVolt™2 Voltage/Continuity Tester

CombiVolt™ Voltage & Continuity Testers with Phase Rotation Test.

The three-in-one testers with a rugged, ergonomically formed housing for perfect handling.

Testing of AC/DC voltages from 12 to 690V AC/DC

- Meets safety and performance requirements of BS EN 61243-3:2014
- Continuity testing with optical and acoustic indication
- Automatic switching between voltage and continuity
- Phase rotation test system
- Single pole phase indication
- Fully compliant with GS38
- Fully operational voltage indication even when batteries are discharged

DL6790 with digital indication of voltage.



Digital Display

Specification	DL6780	DL6790
Voltage	CombiVolt™1	CombiVolt™2
Voltage display	12 – 690V AC/DC	12 – 690V AC/DC
LED Resolution	12, 24, 50, 120, 230, 400, 690	12, 24, 50, 120, 230, 400, 690
LCD Resolution	N/A	1V +/- 3 % + 8 digits
Voltage detection	automatic	automatic
Acoustic signal	AC voltage – DC voltage	AC voltage – DC voltage
Polarity detection	Full range	Full range
Response time	LED < 0.1s	LED < 0.1s, LCD < 2s
Frequency range	0 – 400Hz	0 – 400Hz
Peak Current	Is<0.3A/Is(after 5s) <3.5mA	Is<0.3A/Is(after 5s) <3.5mA
Operation time	30s	30s
Recovery time	10 min	10 min
Auto power on	<12V AC/DC	<12V AC/DC
Single pole voltage indication		
Voltage range	100 – 690V AC	100 – 690V AC
Frequency range	50 – 400Hz	50 – 400Hz
Continuity		
Measuring range	0 – 400KΩ	0 – 400KΩ
Phase rotation test		
Voltage range	100 – 690V	100 – 690V
Frequency	45 – 65Hz	45 – 65Hz
Over voltage protection	690V AC/DC	690V AC/DC
Power supply	2 x 1.5V LR03	2 x 1.5V LR03
Dimensions	255 x 70 x 28mm	255 x 70 x 28mm
Weight	200g	200g

Specification	DL6799
Specifications	
AC Voltage TrueRMS	0-750V AC
Typical Accuracy	+/- 1.2 % + 3 digits
Frequency	45 - 400Hz
DC Voltage	0 - 1000V DC
Typical Accuracy	+/- 0.8 % + 3 digits
Single Pole Indication	>100Vrms
Non-contact Voltage Detection	>100Vrms Distance <10mm
AC Current	200A
Typical Accuracy	+/- 2.5 % + 5 digits
Frequency	50 - 60Hz
DC Current	200A
Typical Accuracy	+/- 1.0 % + 2 digits
Continuity	0-600Ω Audible <1000Hz
Resistance	0.1 - 60MΩ
Typical Accuracy	Typical Accuracy
Capacitance	60.00nF - 60.00mF
Diode	6.000V
Power supply	2 x 1.5 V (AA) LR06 batteries
Dimensions	210 x 53 x 35 mm
Weight	164g (batteries Included)

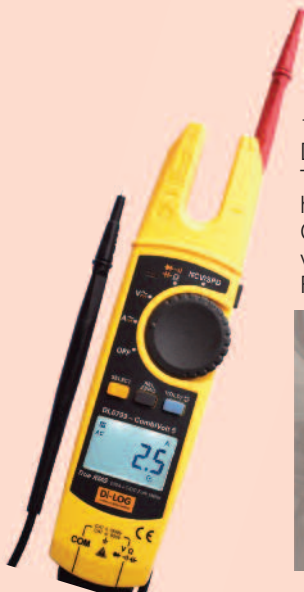
DL6799 CombiVolt™5

1000V TrueRMS Voltage, Continuity & Current Tester

DL6799 CombiVolt™ 5 TrmsVoltage, Continuity & Current Tester

The NEW CombiVolt 5 is a five-in-one tester with a rugged, ergonomically formed housing for perfect handling. With a range of testing function including TRMS AC/DC voltages, TRMS AC/DC current, Non-Contact & Single Pole Voltage detection and a multitude of other functions the CombiVolt 5 offers complete versatility to the Electrical Engineer.

Fully conformant to BS EN 61010-1, 61010-2-032, CAT II 1000V & CAT III 600V



Features:

- Meets safety and performance requirements of BS EN 61010-1
- 750V TRMS AC / 1000V DC voltage measurement
- Single Pole Voltage Detection
- Non Contact Voltage Detector
- Phase rotation test system
- Single pole phase indication
- 200A TRMS AC /DC Current measurement
- 60M Ohm Resistance with Audible Continuity
- Capacitance
- GS38 shrouded probe tips
- Bright LED Flashlight
- Carry Case.

PU260 Proving Unit

Proving unit to enable compliance safety checking of voltage indicators for safe operation prior to testing on a live circuit. It is a requirement of Electrical Safety Council and the HSE that every electrician proves their voltage testers before confirming safe isolation.

- Portable battery powered proving unit for testing two pole voltage indicators up to 690V
- Continuity test, for checking test leads, fuses etc
- Optical and acoustic continuity test
- Low battery indication.



DLPK1 DL6780 Proving Unit Kit DLPK2 DL6790 Proving Unit Kit

The recommended method for safe isolation is by use of a proprietary two pole voltage indicator. The voltage indicator should be itself proved on a known live source or a proprietary proving unit.

The DLPK1 and DLPK2 kits are the ideal solution for safe isolation. The kit includes a voltage indicator and the PU260 proving unit.

The DLPK1 is supplied with the DL6780 CombiVolt™ 1 and the DLPK2 is supplied with the DL6790 CombiVolt™2. Both are supplied in a handy carry case



ISOPK1

ISOPK1 contains;

- DL6780 - CombiVolt™ I
- DLLOC1 - Personal Lockout Kit
- PU260 - Proving Unit



CombiVolt™ 1 & CombiVolt™ 2 Safe Isolation Kits

ISOPK1 & ISOPK2 Kits incorporating the award winning CombiVolt™ 2 pole voltage testers, the fully conformant PU260 and our all new Lockout kits.

The PU260 is the first, 2 pole 690V voltage tester proving unit, with a built in continuity checker for lead sets and a touch electrode for checking fused leads. The unit will also indicate if you 2 pole voltage tester draws in excess of 3.5mA current, thus not conforming to the "Protection Against Electric Shock" and BS EN 61243-3:2014

Features:

- Kit is compliant to BS EN 61243-3:2014 and Amendment 3
- ISOPK1 kit comes supplied with the DLLOC1 Personal Lockout Kit
- ISOPK2 Kit comes supplied with the DLLOC2 Domestic Lockout Kit
- Necessary to fully comply with the HSE – Guidance Note GS38
- Up to 690V test for 2 pole testers
- LED indication when tester draws over 3.5mA current
- Continuity Check for leads
- Touch Electrode for checking fused leads
- Optical and acoustic continuity indication
- Low battery indication
- Auto power up

ISOPK2

ISOPK2 contains;

- DL6790 - CombiVolt™ 2
- DLLOC2 - Domestic Lockout Kit
- PU260 - Proving Unit



Lockout Kits

Di-log offer a range of lockout and Safe Isolation kits helping you to conform with the latest requirement in BS7671 (18th Edition) - Guidance Note 2 - Isolation & Switching (8th Edition). "Lockout Tagout" and "Safe Isolation" procedures are being enforced across the UK by all monitoring bodies.

The DLLOC1 18th Edition Personal Lockout kit

Designed to be kept on your person, ready for when you want to Lockout any individual circuit or switch.



DLLOC2 Domestic Lockout Kit

The DLLOC2 18th Edition Domestic Lockout kit is designed to give you the ability to safely Lockout any circuit within an existing or new domestic property. The kit gives a little more scope on comparison to the Personal Kit, no matter how old the installation. The kit comes nicely packaged in one of our carry pouches.



DLLOC3

Professional Lockout Kit

The DLLOC3 18th Edition Professional Lockout kit is designed to give you the ability to safely Lockout any circuit within an existing or new domestic or light to medium commercial premises. The kit gives you a lot more scope on comparison the Domestic Kit, no matter how old the installation. The kit comes supplied with an array of lockout devices and several tags for multiple circuit isolation, all nicely packaged in one of our carry pouches.



	DL8101 Seal 38mm Lock	DL8102 Non-conductive 38mm Lock	DL8103 Lockout Hasp 1"	DL8104 Non-conductive Hasp 1"	DL8105 Universal Type Aluminium	DL8106 Pins Out Standard	DL8107 Universal Type Thumbscrew	DL8108 No Hole Type	DL8109 Pins In Lock	DL8110 Pins Out Wide	DL8111 Tie Bar Lock	DL8112 Universal Medium	DL8113 Universal Large	DL8130 Lockout Tag	DL8131 Wipeable Pen	DL1190 Carry Case
DLL0C1	●		●		●	●								1		
DLL0C2	●		●		●	●								2	●	●
DLL0C3	●				●	●	●	●						3	●	●
DLL0C4		●		●	●	●	●	●	●	●	●	●	●	4	●	●

DLLOC4 – Expert Lockout Kit

The DLLOC4 18th Edition Expert Lockout kit is designed to give you the ability to safely Lockout almost any circuit within any existing or new domestic or medium to large commercial premises. The Professional Kit offers you a fully insulated hasp and padlock, in the event or situation you are locking off in close proximity to live conductive material, such a buzz bars or high voltage areas. The kit gives you a lot more scope on comparison the Professional Kit, no matter how old the installation.

The kit comes supplied with a fully insulated padlock and hasp, an array of lockout devices and several tags for multiple circuit isolation, all nicely packaged in one of our carry pouches.



Multimeters

Multimeters Voltage 18th Edition Phase Rotation Clamp

DL9309 True RMS Auto Ranging Multimeter

This is our top of the range multimeter with a 6000 count high visibility back lit LCD display. A high precision multimeter offering accuracy, safety and reliability. The DL9309 has True RMS voltage and current readings with max/min and peak hold function making this the ideal multimeter for electrical engineers.

- 61 segment analogue bar graph
- Full overload protection on all ranges
- Max/Min, peak hold recording mode
- Temperature reading in °C and °F
- Wide Capacitance measurement range
- Back lit LCD
- Range selection for precise readings.

DL9309 Specification

Measurement	Range	Basic accuracy
AC Voltage	1mV to 1000V	1.0% ± 3 digits
DC Voltage	0.1mV to 1000V	0.09% ± 2 digits
AC Current	0.1µA to 10A	1.5% ± 3 digits
DC Current	0.1µA to 10A	1.0% ± 3 digits
Resistance	0.1Ω to 60MΩ	0.3% ± 4 digits
Capacitance	0.01nF to 1000µF	3.5% ± 4 digits
Frequency	0.001Hz to 40 MHz	0.1% ± 1 digits
Temperature	-45°C to 750°C	3.0% ± 5 digits
Diode Test	0.9mA Typical 2.8V DC	
Power supply	1x9V PP3/6LR61 battery (supplied)	
Dimensions	182 x 82 x 55mm	
Weight	360g	



DL9308 True RMS Multimeter

This is a high precision multimeter offering accuracy, safety and reliability. The DL9308 has True RMS voltage and current readings. With max/min and peak hold function making this the ideal multimeter for electrical engineers.

- 61 segment analogue bar graph
- Full overload protection on all ranges
- Max/Min, peak hold recording mode
- Temperature reading in °C and °F
- Wide Capacitance measurement range
- Back lit LCD
- Range selection for precise readings.

DL9308 Specification

Measurement	Range	Basic accuracy
AC Voltage	0.1mV to 1000V	0.8% ± 2 digits
DC Voltage	0.1mV to 1000V	0.5% ± 2 digits
AC Current	0.1µA to 10A	1.5% ± 3 digits
DC Current	0.1µA to 10A	1.5% ± 5 digits
Resistance	0.1Ω to 40MΩ	0.8% ± 3 digits
Capacitance	1pF to 40mF	3.0% ± 5 digits
Frequency	1Hz to 10 MHz	1.2% ± 3 digits
Temperature	-20°C to 760°C	3.0% ± 5 digits
Diode Test	1mA Typical 3V DC	
Power supply	1 x 9V PP3/6LR61 battery (supplied)	
Dimensions	182 x 82 x 55mm	
Weight	360g	



DL9102 General Purpose Multimeter c/w Temperature

Double moulded housing with an oversized high contrast 2000 count LCD display. Manual ranging with current range up to 20A, temperature and frequency test.

- Large LCD display
- Supplied c/w temperature probe
- Auto power off
- Data hold
- Full range protection
- 2000 count LCD display.

DL9102 Specification

Measurement	Range	Basic accuracy
AC Voltage	1.0 mV – 700V	+/- 1.0% + 3 digits
DC Voltage	0.1 mV – 1000V	+/- 0.5% + 2 digits
AC Current	1µA – 20A	+/- 2.0% + 3 digits
DC Current	1µA – 20A	+/- 1.5% + 3 digits
Continuity	Audible threshold > 50Ω	
Resistance	0.1Ω – 20MΩ	+/- 1.2 % + 2 digits
Capacitance	1pf – 200µF	+/- 4% + 3 digits
Diode Test	1 mA, 2.8V DC typical	
Temperature	-20 - +760°C/-40 - +1400°F	+/- 3% rdg + 5°C/9°F
Frequency	0 – 2000Hz	+/- 1.5% rdg + 5 digits
Power supply	1 x 9V PP3/6LR61 battery (Supplied)	
Dimensions	182 x 82 x 55mm	
Weight	360g	



DL9101 General Purpose Manual Ranging 1000V Multimeter

Manual ranging general purpose multimeter with current range up to 20A. The large LCD makes this the ideal choice for simplicity and ease of use.

- Large LCD display
- Double moulded case
- Auto power off
- Data hold
- Full range protection
- 2000 counts LCD display.



DL9101 Specification

Measurement	Range	Basic accuracy
AC Voltage	0.1mV – 700V	+/- 1.0% + 5 digits
DC Voltage	0.1mV – 1000V	+/- 0.5% + 2 digits
AC Current	1μA – 20A	+/- 2.0% + 3 digits
DC Current	1μA – 20A	+/- 1.5% + 3 digits
Continuity	Audible threshold > 50Ω	
Resistance	0.1Ω – 200MΩ	+/- 1.2% + 2 digits
Capacitance	1pF – 200μF	+/- 4% + 3 digits
Diode Test	1mA, 2.8V DC Typical	
Power supply	1 x 9V PP3/6LR61 battery (Supplied)	
Dimensions	182 x 82 x 55 mm	
Weight	360g	

DL9205 Compact Auto Ranging 600V Multimeter

Compact auto ranging digital multimeter with 4000 count LCD display. Full protection on all ranges, safety category to CAT 111 600V. This is a high specification meter in a small package offering many features found in larger and more expensive meters. Comes complete with temperature probe.

- AC/DC Voltage up to 600V
- Temperature reading in °C and °F
- Capacitance measurement from 1pF
- Auto power off
- Large 2000 count LCD display
- Data hold.



DL9205 Specification

Measurement	Range	Basic accuracy
AC Voltage	0.1mV to 600V	1.2% ± 3 digits
DC Voltage	0.1mV to 600V	1.2% ± 2 digits
AC Current	0.1μA to 10A	1.8% ± 5 digits
DC Current	0.1μA to 10A	1.5% ± 3 digits
Resistance	0.1Ω to 40MΩ	3.0% ± 5 digits
Capacitance	1pF to 200μF	3.0% ± 5 digits
Frequency	0.001Hz to 9.999MHz	1.2% ± 3 digits
Temperature	-20°C to 760°C	3% ± 3 digits
Diode Test	0.3mA Typical 1.5V D.C	
Power supply	1 x 9V PP3/6LR61 battery (Supplied)	
Dimensions	150 x 70 x 48mm	
Weight	255g	

DL9206 Compact Auto Ranging 1000V Multimeter

Compact auto ranging digital multimeter with 6000 count LCD display. Full protection on all ranges, safety category to CAT 111 600V.

The high contrast 6000 LCD complete with bar graph provides a high level clear display of measured values.

- 61 segment analogue bar graph
- Max/Min recording mode
- Temperature reading in °C and °F
- Capacitance measurement from 10pF
- Back lit LCD
- Continuity buzzer
- Data hold.



DL9206 Specification

Measurement	Range	Basic accuracy
AC Voltage	1mV to 750V	1.5% ± 3 digits
DC Voltage	0.1mV to 1000V	1.2% ± 2 digits
AC Current	1mA to 10A	1.8% ± 7 digits
DC Current	1mA to 10A	2.5% ± 5 digits
Resistance	0.1Ω to 60MΩ	1.2% ± 2 digits
Capacitance	10pF to 4000μF	3.0% ± 5 digits
Frequency	0.001Hz to 2.999MHz	1.2% ± 3 digits
Temperature	-20°C to 760°C	3% ± 3 digits
Diode Test	0.3mA Typical 1.5V DC	
Power supply	1 x 9V PP3/6LR61 battery (supplied)	
Dimensions	150 x 70 x 48mm	
Weight	255g	

DL9204 Compact Auto Ranging 600V Multimeter

Compact manual ranging digital multimeter with 2000 count LCD display. Full protection on all ranges, safety category to CAT 111 600V. Functions include battery and diode test.

- Full range protection
- Auto power off
- Large 2000 count LCD display
- 1.5 & 9 V battery test
- Data hold.



DL9204 Specification

Measurement	Range	Basic accuracy
AC Voltage	100mV – 600V	± 1.2 % ± 10 digits
DC Voltage	0.1mV – 600V	± 0.8% ± 3 digits
DC Current	1μA – 10A	± 1.2% ± 2 digits
Resistance	0.1Ω – 2000KΩ	± 0.8% ± 2 digits
Battery Test	1.5V & 9V	
Diode Test	1 mA, 2.8V DC Typical	
Power supply	1x 9V PP3/6LR61 battery (Supplied)	
Dimensions	150 x 70 x 48mm	
Weight	255g	

Multimeters

Multimeters
Voltage 18th Edition Phase Rotation Clamp

PL280N Digital Multimeter

Digital multimeter in a double moulded housing.

- 3½ digit, 2000 count, LCD Back lit display
- AC/DC voltage measurement up to 600V
- Manufactured to IEC1010 CAT III 600V.



PL280N Specification

Measurement	Range	Basic accuracy
Display	3½ digit display	max reading 1999 digits
AC Voltage	0 to 600V	+/- 1.2% rdg + 10 digits
DC Voltage	0 to 600V	+/- 0.8% rdg + 2 digits
DC Current	2000µA to 10A	+/- 2.0% rdg + 2 digits
Resistance	0 to 2 MΩ	+/- 1.0% rdg + 2 digits
Battery Test	1.5V/9V	+/- 1.0% rdg + 2 digits
Overvoltage Capacity	Cat III 600V	
Power supply	9V PP3/6LR61 battery (supplied)	
Dimensions	150 x 70 x 48mm	
Weight	255g	

DL7205 50M Laser Distance Meter

Compact high accuracy distance measurement capability. Short cut keys for addition, subtraction, Pythagoras, area and volume calculation, makes measuring fast and reliable. Memory storage for last 20 measurements.



DL7205 Specification

Range	Resolution	Basic accuracy
0.05m to 50m (0.15ft to 164ft)	1 mm	+/- 1.5mm (+/- 0.06 inch)
Measuring units	m, in, ft.	
Laser class	Class II 635nm<1mW	
Battery life	4,000 measurements	
Dimensions	115 x 48 x 28mm	
Weight	135g	

Multimeter Selection Chart

Specification	DL114 3-in-1 Multi-Tester	DL9204 Compact Multimeter	PL280N Compact Multimeter	DL9205 Compact Multimeter	DL9206 Compact Multimeter	DL9101 Professional Multimeter	DL9102 Professional Multimeter	DL9308 TRMS Multimeter	DL9309 TRMS Multimeter
AC Voltage	600V	600V	600V	600V	750V	700V	700V	1000V	1000V
DC Voltage	600V	600V	600V	600V	1000V	1000V	1000V	1000V	1000V
AC Current	200mA			10A	10A	20A	20A	10A	10A
DC Current	200mA	10A	10A	10A	10A	20A	20A	10A	10A
Back Lit Display					•	•	•	•	•
Resistance	20MΩ	2MΩ	2MΩ	40MΩ	60MΩ	200MΩ	200MΩ	40MΩ	60MΩ
Audible Continuity Test	•	•	•	•	•	•	•	•	•
Diode Test	•	•	•	•	•	•	•	•	•
Manual Ranging		•	•			•	•		
Auto Ranging	•			•	•			•	•
Capacitance				200µF	400µF	200µF	200µF	40mF	1000µF
Temperature				•	•		•	•	•
Frequency				•	•		•	•	•
Data Hold				•	•			•	•
Duty Cycle				•	•			•	•
True RMS								•	•
Relative Mode				•	•				•
Non Contact Voltage & Torch	•								
Carry Case		•		•	•	•	•	•	•

Video Borescope/Wall Scanner

DL7201 Video Borescope

3.2 inch colour TFT LCD display. Supporting photo/video, time/date display. Video and images can be transferred to your PC via the SD card or USB cable. Waterproof (IP67) flexible gooseneck retains configured shape.

- On site inspection of photos and videos
- Image rotation by pressing up and down buttons under video mode
- Video format (MP4, AV1, 3GP, ASF)
- Image photo format (JPG)
- USB charging.

DL7201 Specification

LCD Screen type	3.2 in TFT
LCD Pixels	320 x 240
Max number of frames (FPS)	30 FPS/S
Picture format from video	JPEG (320 x 240)
Camera video format	3GP
Viewing distance	5cm to 15cm
Viewing angle	68°
SD card	Max 32GB (not supplied)
Working voltage	Li Battery 3.7V/2000mA
TV-Out	PAL/NTSC
Dimensions	240 x 160 x 100mm
Weight	584g



DL1093 3 in 1 Electronic Wall Scanner

Multipurpose wall scanner to detect wooden studs, metal pipes and AC voltage.
AC voltage detection between 50V and 600V AC
Audible and LCD dynamic indication
Low battery indicator

- AC voltage
- Metal pipes
- Wooden studs.

DL1093 Specification

Wooden/metal stud detection depth	30 mm
Metal pipe detection depth	50 mm
AC voltage (50V – 600V AC) detection depth	75 cm
Dimensions	160 x 74 x 42mm
Weight	154g



Clamp Meters

Multimeters Voltage 18th Edition Phase Rotation Clamp

DL6404 1000 Amp AC/DC True RMS Digital Clamp Meter

The top of the range DL6404 provides True RMS reading on AC current and AC voltages allowing accurate measurement regardless of the wave form. This makes it the ideal instrument for commercial and industrial applications where non linear loads are present. The 40 segment analogue bar graph in addition to the 4000 count LCD provides clear and precise indication of readings. The slim design combined with the tear shaped jaw makes it an ideal unit for use in crowded panels and tight spaces.

- True RMS current and voltage readings
- Audible continuity
- Resistance up to 40 Mohm
- Temperature c/w probe supplied
- Frequency and capacitance
- 30 mm jaw opening
- 1000 amp AC/DC current reading
- Electronic overload protection.

DL6404 Specification

Measurement	Range	Basic accuracy
AC Current True RMS	0.01A - 1000A	2.8% $\pm$ 8 digits
DC Current	0.01A - 1000A	2.8% $\pm$ 8 digits
AC Voltage True RMS	0.1mV - 600V	1.5% $\pm$ 8 digits
DC Voltage	0.1mV - 600V	1.5% $\pm$ 3 digits
Resistance	0.1 Ω - 40M Ω	1.5% $\pm$ 2 digits
Capacitance	4.000nF - 40mF	3% $\pm$ 5 dtgs
Frequency	4.000kHz	1.5% $\pm$ 2 digits
Temperature	-20°C - 1000°C -4°F - 1832°F	$\pm$ 3.0% of rdg $\pm$ 5 digits $\pm$ 3.0% of rdg $\pm$ 7 digits
Diode Test	1.5V DC Typical	N/A
Power supply	1 x 9V PP3/6LR61 battery (supplied)	
Dimensions	229 x 80 x 49mm	
Weight	303g	



DL6403 1000 Amp AC True RMS Digital Clamp Meter

True RMS reading on AC current and AC voltages provide accurate measurement regardless of the wave form, which makes this the ideal instrument for commercial and industrial applications where no linear loads are present. The 40 segment analogue bar graph in addition to the 4000 count LCD provides clear and precise indication of readings. The slim design combined with the tear shaped jaw makes it an ideal unit for use in crowded panels and tight spaces.

- True RMS current and voltage readings
- Audible continuity
- Resistance up to 40 Mohm
- Temperature c/w probe supplied
- Frequency up to 4 KHz
- 30 mm jaw opening
- Electronic overload protection.

DL6403 Specification

Measurement	Range	Basic accuracy
AC Current True RMS	0.01A - 1000A	2.8% $\pm$ 8 digits
AC Voltage True RMS	0.1mV - 600V	1.5% $\pm$ 8 digits
DC Voltage	0.1mV - 600V	1.5% $\pm$ 3 digits
Resistance	0.1 Ω - 40M Ω	1.5% $\pm$ 2 digits
Capacitance	4.000nF - 40mF	3% $\pm$ 5 dtgs
Frequency	4.000kHz	1.5% $\pm$ 2 digits
Temperature	-20°C - 1000°C -4°F - 1832°F	$\pm$ 3.0% of rdg $\pm$ 5 digits $\pm$ 3.0% of rdg $\pm$ 7 digits
Diode Test	1.5V DC Typical	N/A
Power supply	1 x 9V PP3/6LR61 battery (supplied)	
Dimensions	229 x 80 x 49mm	
Weight	303g	



DL6402 1000 Amp AC/DC Digital Clamp Meter

With inclusion of temperature and capacitance readings, this clamp meter is the ideal all purpose instrument. The slim design combined with the tear shaped jaw makes it an ideal unit for use in crowded panels and tight spaces. The data hold function makes this a versatile and cost effective clamp meter.

- Audible continuity
- Temperature probe supplied
- Frequency and capacitance
- 30 mm jaw opening
- 1000A AC/DC current reading
- Electronic overload protection
- A large easy to see back lit display
- AC/DC voltage up to 600V.

DL6402 Specification

Measurement	Range	Basic accuracy
AC Current	10mA - 1000A	3% $\pm$ 5 digits
DC Current	10mA - 1000A	2.8% $\pm$ 5 digits
AC Voltage	0.1mV - 600V	1.8% $\pm$ 3 digits
DC Voltage	0.1mV - 600V	1.5% $\pm$ 3 digits
Resistance	0.1 Ω - 40M Ω	1.5% $\pm$ 2 digits
Capacitance	40.00nF - 100.0uF	3% $\pm$ 5 dtgs
Frequency	0.001Hz - 100.0kHz	1.2% $\pm$ 2 digits
Temperature	-20°C - 1000°C -4°F - 1832°F	$\pm$ 3.0% of rdg $\pm$ 5 digits $\pm$ 3.0% of rdg $\pm$ 7 digits
Diode Test	1.5V DC Typical	N/A
Power supply	PP3/6LR61 battery (supplied)	
Dimensions	229 x 80 x 49mm	
Weight	303g	



Clamp Meters

Multimeters Voltage 12th Edition Phase Rotation Clamp

DL6401 1000 Amp AC Digital Clamp Meter

This clamp meter offers many features in addition to basic current testing. The slim design combined with the tear shaped jaw makes it an ideal unit for use in crowded panels and tight spaces. The data hold function makes this a versatile and cost effective clamp meter.



- 30 mm jaw opening
- 1000 AC Current reading
- Electronic overload protection
- 2000 count LCD display
- A large easy to see back lit display
- AC/DC voltage up to 600V.

DL6401 Specification

Measurement	Range	Basic accuracy
AC Current	10mA - 1000A	3% $\pm$ 5 digits
AC Voltage	0.1mV - 600V	1.8% $\pm$ 3 digits
DC Voltage	0.1mV - 600V	1.5% $\pm$ 3 digits
Resistance	0.1 Ω - 40M Ω	1.5% $\pm$ 2 digits
Diode Test	1.5V DC Typical	N/A
Power supply	1 x 9V PP3/6LR61 battery (supplied)	
Dimensions	229 x 80 x 49mm	
Weight	303g	

DL6506 Mini 80 Amp AC/DC Clamp Meter

A compact clamp meter for use where access to cables is a problem. This instrument fits neatly in the hand and with a clamp opening of 18mm it is ideal for those instances where it is hard to reach cables. A range of 1mA to 80A AC/DC means the small size does not compromise on range or accuracy. The min resolution of 1mA will enable detection of nuisance tripping of RCDs. This clamp meter also features a non contact voltage indicator and a built in torch.



- AC/DC current 1mA to 80mA
- Non contact voltage indication
- 18 mm Jaw opening
- Data hold, max current capture
- Auto power off
- Backlit display.

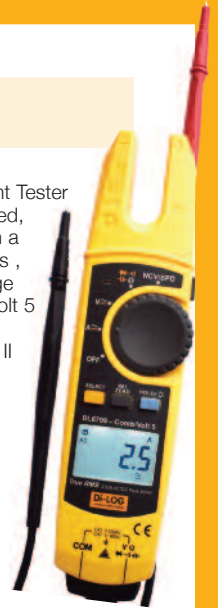
DL6506 Specification

Measurement	Range	Basic accuracy
AC Current	1mA - 80A	$\pm$ 3.0% of rdg $\pm$ 8 digits
DC Current	1mA - 80A	$\pm$ 2.8% of rdg $\pm$ 8 digits
Non contact voltage	100V AC to 600V AC	
Power supply	2 x 1.5V AAA battery	
Dimensions	164 x 65 x 32mm	
Weight	175g	

DL6799 CombiVolt™5

1000V TrueRMS Voltage, Continuity & Current Tester
DL6799 CombiVolt™ 5 TrmsVoltage, Continuity & Current Tester
The NEW CombiVolt 5 is a five-in-one tester with a rugged, ergonomically formed housing for perfect handling. With a range of testing function including TRMS AC/DC voltages, TRMS AC/DC current, Non-Contact & Single Pole Voltage detection and a multitude of other functions the CombiVolt 5 offers complete versatility to the Electrical Engineer. Fully conformant to BS EN 61010-1, 61010-2-032, CAT II 1000V & CAT III 600V

- Meets safety and performance requirements of BS EN 61010-1
- 750V TRMS AC / 1000V DC voltage measurement
- Single Pole Voltage Detection
- Non Contact Voltage Detector
- Phase rotation test system
- Single pole phase indication
- 200A TRMS AC /DC Current measurement
- 60M Ohm Resistance with Audible Continuity
- Capacitance
- GS38 shrouded probe tips
- Bright LED Flashlight
- Carry Case.



DL6799 Specification

AC Voltage TrueRMS	0-750V AC	DC Current	200A
Typical Accuracy	$\pm$ 1.2% $\pm$ 3 digits	Typical Accuracy	$\pm$ 1.0% $\pm$ 2 digits
Frequency	45 - 400Hz	Continuity	0-600 Ω Audible<1000hms
DC Voltage	0 - 1000V DC	Resistance	0.1 - 60M Ω
Typical Accuracy	$\pm$ 0.8% $\pm$ 3 digits	Typical Accuracy	Typical Accuracy
Single Pole Indication	>100Vrms	Capacitance	60.00nF - 60.00mF
Non-contact Voltage Detection	>100Vrms Distance<10mm	Diode	6.000V
AC Current	200A	Power supply	2 x 1.5 V (AA) LR06 batteries
Typical Accuracy	$\pm$ 1.2% $\pm$ 5 digits	Dimensions	210 x 53 x 35 mm
Frequency	50 - 60Hz	Weight	164g (batteries Included)

DL6505 Mini 200 Amp AC Clamp Meter

A compact clamp meter for use where access to cables is a problem.

This instrument fits neatly in the hand and with a clamp opening of 18mm it is ideal for those instances where it is hard to reach cables.

A range of 10mA to 200A AC means the small size does not compromise on range and accuracy. This clamp meter also features a non contact voltage indicator and a built in torch.



- AC current 10mA to 200A
- Non contact voltage indication
- 18 mm Jaw opening
- Data hold, max current capture
- Auto power off
- Backlit display.

DL6505 Specification

Measurement	Range	Basic accuracy
AC Current	10mA - 200A	3% $\pm$ 8 digits
Non contact voltage	100V AC to 600V AC	
Power supply	2 x 1.5V AAA battery	
Dimensions	164 x 65 x 32mm	
Weight	75g	

Clamp Meters

Multimeters Voltage 18th Edition Phase Rotation Clamp

DL6518 Mini AC Leakage Clamp Meter

Accurate measurement of AC earth leakage with a resolution of 0.1mA enables the detection of nuisance tripping caused by faulty appliances or circuit faults resulting in current leakage to earth. The compact size of the DL6518 makes it ideal for hard to reach locations. The data hold enables readings to be captured when working in dimly lit areas.

- Shielded transformer jaw opens to 30mm
- 100µA high resolution reading range
- Dynamic range of 2000 counts full scale.



DL6518 Specification

Range	Resolution	Basic accuracy
200mA	0.1mA	+/- 5% +8 digits
2A	1mA	+/- 5% +10 digits
200A	0.1A	+/- 2.5% +10 digits
Dimensions	182 x 61 x 34mm	
Weight	225g	

DL6519 True RMS AC Leakage Clamp Meter

Accurate measurement of AC earth leakage with a resolution of 0.1mA enables the detection of nuisance tripping caused by faulty appliances or circuit faults resulting in current leakage to earth. Shielded transformer jaw to minimize the effects of external magnetic field effects. Filter circuit designed to eliminate the effect of high frequency noise and harmonics. Large jaw size (68mm) facilitates clamping around larger conductors and 3 phase circuits.

- Measurement range from 1mA to 1000A
- True RMS enables accurate measurement on distorted waveforms.
- Large LCD display with back light
- Data hold and peak hold functions.



DL6519 Specification

Range	Resolution	Basic accuracy (50/60 HZ)
AC Current		
200mA	0.1mA	+/- 1.5% + 6 digits
2A	1 mA	+/- 2.0% + 6 digits
20A	10mA	+/- 2.0% + 6 digits
200A	100mA	+/- 2.0% + 6 digits
1000A	100mA	+/- 3.0% + 6 digits
AC Voltage 600V	0.1V	+/- 1.5% +/- 2 digits
DC Voltage 600V	0.1V	+/- 1.5% +/- 5 digits
Resistance 400Ω	0.1Ω	+/-1.5% +/- 4 digits
Frequency response	40 Hz – 1kHz	
Dimensions	250 x 113 x 45mm	
Weight	490g	

DL6409 Digital Power Clamp Meter

The DL6409 is the ideal tester for measuring a wide range of electrical parameters. It is the ideal tester for identifying power quality issues in single phase and 3 phase systems.

- AC measurement up to 1000A
- True RMS measurement of AC voltage and current
- Safety standard overvoltage category CAT III 600 V, CAT IV 300V.



DL6409 Specification

Measurement	Range	Basic accuracy
AC Voltage True RMS	0.1V – 600V	+/- 1.2% + 5 digits
AC Current true RMS	0.1A – 100A	+/- 2% + 5 digits
Active Power	0.01KW – 600KW	+/- 3% + 5 digits
Apparent Power	0.01KVA – 600KVA	+/- 4% + 5 digits
Reactive Power	0.01KVAr – 600KVAr	+/- 4% + 5 digits
Power Factor	0.3 - 1.0	+/- 0.02% + 2 digits
Phase Angle	0 deg – 360 deg	+/- 1%
Frequency	20Hz – 500Hz	
Active Energy	1 – 9999KWh	+/- 3% 2 digits
Temperature	-50°C – 1000°C	
Power supply	4 x 1.5V LR16 (supplied)	
Dimensions	303 x 112 x 39mm	
Weight	600g	

DL6508 1500A AC/DC True RMS Clamp Meter

DL6508 is a True RMS 1500A AC/DC Clamp Meter which provides much safer measurements with a double moulded plastic housing design.

Measuring starting current for motors, lighting, etc. is easy with Inrush current function.

- Power Measurement to 900.0kW
- TRMS AC & DC Current to 1500A
- Min, Max, Peak & Hold function
- Inrush Current to 1500A.



DL6508 Specification

Measurement	Range	Basic accuracy
AC voltage true RMS	400 mV – 750V	+/- 1.0% + 30 digits
AC current true RMS	10 mA – 1500A	+/- 2.8% + 30 digits
DC voltage	0.01 mV – 1000V	+/- 0.5% + 4 digits
DC current	10 mA – 1500A	+/- 2.5% + 30 digits
Resistance	0.01Ω – 40MΩ	+/- 3.0% + 10 digits
Capacitance	10 pF – 40mF	+/- 5 % + 10 digits
Frequency	0.001Hz – 40MHz	+/- 0.3% + 2 digits
Temperature	-100°C – 1000°C	+/- 1.0% + 2.5°C
Power supply	1 x 9V PP3/6LR61 battery (supplied)	
Dimensions	294 x 105 x 47mm	
Weight	536g	

Multimeters 18th Edition 2 Phase Rotation Clamp



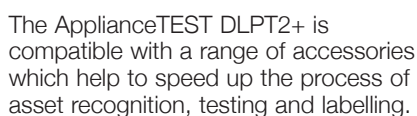
The ApplianceTest DLPT1 is a functional and diverse manual PAT tester. Featuring three operational modes, it is an ideal choice for those looking for an easy to use, electrical safety tester. Simply pushing a button will give you the option of PAT Test mode: Class I and II, IEC Lead test mode or Power Socket mode.

- Simple and easy to use
- ApplianceTEST Mobile
- Preset Pass/Fail limits
- Battery powered
- IT equipment safe
- Supplied with Di-log PAT solution kit.

DLPT2+ additional features

- Data Logging 999 assets
- 250V/500V Insulation Test
- Leakage/Load Testing
- 30mA RCD Test
- Optional Pass/Fail Serial Label Printer
- 3 Phase leakage testing (optional adaptor).

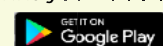
Part Number: 403A958



- Test n Tag Pro printer (serial model)
- Free Data Logging software
- 4 x Test n Tag printer label rolls (52mm x 25mm)
- PAT Checkbox
- PATBag carry case
- Cloverleaf adaptor
- PAT Training DVD
- Guide to PAT testing



Di-log's new mobile app makes manually recording data quicker and easier when using the ApplianceTEST DLPTx series of PAT Tester. Scan barcodes, tag image, risk assess site, enter results & send via PDF or export data to CSV and with the optional Bluetooth printer, print your labels.



Seaward Apollo Series Downloadable PAT Testers

Multimeters Voltage 18th Edition Phase Rotation Clamp



Apollo 500+

The Apollo 500+ is a great value 'plug and play' PAT tester with a comprehensive range of tests and advanced data transfer and storage features.

Designed to enable simple, professional and fast PAT testing, with remote data transfer, USB upload/download and a memory to store up to 10,000 complete test sets.

With point-to-point measurement, fast boot-up and a risk-based retest calculator to quickly determine suggested retest periods, the Apollo 500+ is the ideal companion for high-volume testing.

Apollo 600+

The Apollo 600+ revolutionises safety management, with a built-in risk assessment tool for any workplace hazard and a variety of testing and inspection reports including portable appliance testing, fire detection and emergency lighting. This comprehensive PAT tester also offers an all-in-one solution to managing a risk-based approach to health and safety in any workplace, reducing the burden and ensuring compliance. For complete traceability of results, including proof of visual inspection, the Apollo 600+ features an on-board camera, allowing photographs to be stored alongside risk assessments and other test and inspection data.

Apollo 400+

This PAT tester features a comprehensive range of electrical safety tests ensure compliance with the IET 4th Edition Code of Practice, whilst remote data transfer and USB download makes data management easy and efficient. The Apollo 400+ is ideal for mid-volume PAT testing where detailed records are required. Streamline the PAT testing process further by using the Apollo 400+ with a compatible label printer, barcode scanner and PATGuard 3 software.

Supernova Elite Desk'n'Tage Kit

Part Number: 323A913

Our optional accessory kit includes everything you need to complete the PAT testing process easily and efficiently. Our Supernova Elite

Kit comes with:

- Supernova Elite
- Desk Test n Tag printer &
- 1 x label roll
- PATGuard 3 Elite
- software 1 year licence
- CCD Barcode scanner
- Calibration Certificate
- Seaward Guide to PAT testing.



Supernova Elite

The Supernova Elite is a ruggedly put together, comprehensive tester that you'll find indispensable. It will carry out a wide range of tests, including flash testing and RCD trip time. It is the only PAT tester on the market to have true dual voltage capability, meaning it can be powered by 230V or 110V supply whilst carrying out either 230V or 110V tests. The Supernova Elite is packed with incredibly useful features, like a 5000 test record memory, storing locations, user, test status and date which can be downloaded to a PC. It has a serial port for the connection of a barcode reader, printer or both if using our recommended adaptor.



Apollo Series Bundle Builder

Multimeters Voltage 18th Edition Phase Rotation Clamp

Test 'n' TAG Elite 2 Printer

(Bluetooth)
Part Number:
339A989

Long battery life and high impact resistance make it ideal for use in the field, whatever the environment.



It has a high speed processor and large memory for quick and efficient processing of complex labels, QR codes, graphics and fonts using Bluetooth wireless technology.

Test 'n' TAG Pro Printer

(Bluetooth)
Part Number: 339A980
(Serial)
Part Number: 339A933



The Test n Tag Pro is an extremely lightweight and portable battery powered PAT testing label printer which prints durable synthetic asset labels which can include barcode, asset number, test date, next test date, user name and test status (dependent on which PAT tester is being used).

Bluetooth printer will work with the Apollo series, Serial printer will work with the ApplianceTEST DLPT2+ and PrimeTEST 250+

Labels for T'n'T

T'n'T Pro Printer Labels
339A9492

White 25mm label roll
(52 x 25mm) 423 off.

339A9493

White 74mm label roll
(52mm x 74mm) 160 off.

T'n'T Elite Printer Labels
339A9490

Metallic effect extra durable 25mm label roll
(52 x 25mm) 304 off.

339A9491

Metallic effect extra durable 74mm label roll
(52mm x 74mm) 120 off.

339A948

White perforated 74mm label roll
(52mm x 74mm) 130 off.



**NEW
PRODUCT**

NEW Seaward Apollo+ PATs available to order now

**STEP 1
CHOOSE A
TESTER**



SEAWARD



Apollo 600+

Multi-tasking PAT tester with on-board camera for unrivalled high-volume record-keeping.

- Health & Safety features
- Risk-assessment tool
- Store up to 50,000 records and up to 2,000 images

Part Number:
APOLLO 600+

Apollo 500+

Fully customisable and versatile PAT tester; a dependable tool for high-volume testing.

- Built-in retest calculator
- Flexible/Configurable sequences
- Store up to 10,000 records

Part Number:
APOLLO 500+

Apollo 400+

Fast, no-nonsense PAT tester for mid-volume testing where speed is key

- Comprehensive range of tests
- Remote data transfer and USB download
- Store up to 2,000 records

Part Number:
APOLLO 400+

Elite Accessory Bundle

- Test n Tag Elite 2 Printer
- 4 off Test n Tag Printer rolls (2 x large & 2 x small)
- Bluetooth 2D Scanner
- Apollo Kit carry case
- 110v test Adaptor

Part Number:
ELITEPACK



**STEP 2
CHOOSE A KIT
BUNDLE**

Pro Accessory Bundle

- Test n Tag Pro lightweight Printer
- 4 off Test n Tag Printer rolls (2 x large & 2 x small)
- Bluetooth 1D Scanner
- Apollo Kit carry case
- 110v test Adaptor

Part Number:
PROPACK



**STEP 3
ADD PATGUARD
SOFTWARE**

PatGuard Elite Software

PatGuard 3 is a complete software solution for recording, storing and reporting on test inspection data downloaded from your PAT tester.

- Tag records with images as visual evidence and produce professional reports and certificates for total traceability and comprehensive record keeping.
- Save time by using PATGuard 3 to produce invoices, schedule retests and upload retest data to your tester.



Part Number:
PG31YR



Part Number:
PG30P

Portable Appliance Testers

Multimeters Voltage 18th Edition Phase Rotation Clamp

Primetest 50 Basic Handheld Safety Checker

The Primetest 50 is the ideal tester for those looking for an easy to use portable appliance checker. Simply choose Class I for earthed appliances, Class II for double insulated or mains cord test and the Primetest 50 will give a clear and simple indication of Pass or Fail.

- LCD display giving clear pass/fail indication
- Test class I and II equipment including IT and business equipment.
- Extension and IEC lead tests
- Power socket polarity.



Primetest 100 The Complete Appliance Tester

Primetest100 is a combination tester that gives you the functionality of a PAT tester, an IEC lead and extension lead tester and a power socket checker in one compact easy to use instrument.

- Checks appliance safety and socket safety in one tester
- LCD display giving clear pass/fail indication
- Test class I and II equipment including IT
- Differential leakage test measurement
- Extension and IEC lead tests
- Power socket polarity.



Primetest 250 Advanced Hand Held PAT Tester

The PT250 will perform all of the tests required by the IET code of Practice, including RCD trip-time, protective conductor current and touch current. It also includes a 250V insulation test for sensitive electrical appliances and surge protected leads. It is also capable of testing 3 phase machinery. For 3 phase testing, accessories are required.

- Fully conformant to the IET Code of practice
- Tests class I and II equipment including IT and business equipment
- Extension and IEC lead tests
- Socket polarity check
- RCD tests on 30mA
- 250V Insulation Test for Surge protected items
- Full operational tests leakage tests
- 3 Phase differential leakage current*

*Optional adaptors required.



Primetest 250+ Data Logging Hand Held PAT Tester

The PrimeTest 250+ offers fast and efficient PAT testing with simple results download and label printing.

- Very easy to use
- Plug and print - easy label printing with no setup
- Date stamped results for full traceability
- Single key save
- Single key download
- Download software included
- Store 999 appliance records
- Industry standard download format
- Comprehensive range of electrical tests
- Test 3 phase appliances
- 2 year warranty.



Seaward Pro Serial Printer Kit Pt. No: 403A958

The Appliance PrimeTest250+ is compatible with a range of accessories which help to speed up the process of asset recognition, testing and labelling.



Kit contents:

- Test n Tag Pro printer (serial model)
- Free Data Logging software
- 4 x Test n Tag printer label rolls (52mm x 25mm)
- PAT Checkbox
- PATBag carry case
- Cloverleaf adaptor
- PAT Training DVD
- Guide to PAT testing

DLPT2+ and leads not included.

Seaward PATBag Pt. No: 382A951

The PrimeTest PATBag is the ultimate accessory kit to add to your PrimeTEST PAT. The kit offers an all-in-one solution to those with a manual PAT testing regime where measured test values are required. Inside this rugged and lightweight carry bag you'll find everything you need to accompany your PAT Tester, from a rugged and lightweight purpose-made PATBag, Online PAT training course with exam and personalised certificate, Seaward Guide to Portable Appliance Testing, PAT Register and Test record for keeping a record of results, 500 Pass labels, 500 500 Fail labels, 110V adaptor



5kV Insulation Tester/ERT

Multimeters Voltage 18th Edition Phase Rotation Clamp

DL9063 5kV Insulation Tester



The DL9063 offers a cost effective solution for testing on high voltage electrical equipment and system up to 5kV.

Test ranges of 500V, 1000V, 2500V and 5000V, with reading range up to 60 Gohm, means the DL9063 offers test solutions for a wide number of applications. The auto ranging and timer functions make the DL9063 a versatile and adaptable tester.

- Large 6000 count digital display with bar graph and backlight
- Polarisation index measurement (PI)
- Indication of output voltage and discharge voltage
- Max/min, peak value & data hold functions
- Safety standard IEC61010 CAT IV 600V.

DL9063 Specification

Insulation resistance	Range	Basic accuracy
500V, 1000V, 2500V, 5000V	0.005-60.00 GΩ	+/- 2.5% rdg +/-15 digits
Voltage AC/DC	0.5 - 600V	+/- 1.0% + 5 digits
Resistance	0-6000Ω	+/- 1.5% +10 digits
Withstand voltage	5320V for 5 seconds	
Dimensions	198 x 148 x 86mm	
Weight	1438g	

DL9062 Earth Resistance Tester

Measurement of the resistance of earthing in electrical systems and for measuring ground resistivity. This instrument has wide applications for testing earthing installations in power based industries, telecomm networks and electrical traction systems.

- Large dual display with backlight
- Test hold for easy operation
- Zero auto adjustment
- Sampling rate: 2.5 per second
- Test leads
- 2 x spikes
- Cables and carry case.

DL9062 Specification

Measurement	Range	Resolution	Basic accuracy
Earth Resistance	20Ω	0.01Ω	+/- 2%rdg +/- 10digits
	200Ω	0.1Ω	+/- 2% +/- 3 digits
	2000Ω	1Ω	+/- 2% +/- 3 digits
Earth Voltage	200V	0.1V	+/- 3% + 3 digits
Voltage AC	750V	1V	+/- 1.2% +/-10 digits
Voltage DC	1000V	1V	+/- 0.8% rdg +/- 3 digits
Resistance	200kΩ	0.1kΩ	+/- 1.0% rdg +/- 2 digits
Dimensions	200 x 92 x 50mm		
Weight	582g		



Voltage Indicators/Lamp Tester

Multimeters Voltage 18th Edition Phase Rotation Clamp

PL107N Non Contact Voltage Indicator

- Contact-free audible and visual indication of AC voltages between 90 and 1000V AC
- Clear, omnidirectional flashing LED
- Quick and accurate detection of cable breaks
- Detects microwave leakage
- Phase detection in sockets
- Press to test switch avoids nuisance buzzing and extends battery life
- Supplied complete with 1.5V AAA batteries.



PL107N Specification

Measurement	Range
Indication	1 LED, buzzer
Voltage range	90 – 1000V AC
Operating temperature	-10° to 50°C
Overvoltage category	Cat 111/600V
Power supply	2 x 1.5V AAA batteries (supplied)
Dimensions	150 x 22 x 21mm
Weight	60g

PU250 Insulation/Continuity Tester Proving Unit

The PU250 allows simple and quick check of insulation resistance and continuity for all makes of I/R testers.

Regular checks outside of the formal calibration process are required for compliance with BS7671 and Part P.

Proving unit to enable compliance to the requirement to maintain records of regular checks on the measurement characteristics and accuracy of test instruments.



PU250 Specification

Measurement	Range
Insulation resistance	0.5 to 50Ω
Continuity	0.5 to 10Ω
Max input voltage	1000V DC
Dimensions	115 x 78 x 40mm
Weight	150g

DL7203 Lamp Tester

Handy test instrument for swift fault finding in all gas-filled low pressure and high pressure discharge lamps. For fluorescent lamps the test is carried out without disassembling the lamp.

- Fluorescent, low/high pressure sodium, neon, mercury vapour and metal halide
- Integrated single-pole voltage tester
- Optical and acoustic display for continuity and voltage.



DL7203 Specification

Measurement	Range
Voltage AC	60 - 250V AC, 40-60Hz
Continuity	0 - 5MΩ
Lamp tester voltage	3kV/160kHz (test current: <200uA)
Dimensions	189 x 70 x 50mm
Weight	60g

DL1601 Socket Adapter

The DL1601 is professional socket adapter for testing continuity enabling quick, accurate connection through a socket without removing the socket from the wall.

- Clear visual colour coded indication of connections
- 4mm lead connection compatible with most MFT's
- Safe and simple testing of R2 & R1+R2 continuity testing
- Safe working - no exposure to live conductor
- Compact, durable and CATIII 300V safety rating.



Analogue Multimeter/Socket Testers

Multimeters Voltage 48th Edition Phase Rotation Clamp

PL001 Analogue Multimeter

- Analogue multimeter in handy compact housing.
- AC/DC voltage measurement up to 500V
- DC current measurement up to 250mA
- Integrated test leads
- Supplied complete with protective holster and battery.



PL001 Specification

Measurement	Range	Accuracy
Display	Analogue mirror scale	
AC Voltage	0 - 500V	± 5% full scale
DC Voltage	0 - 500V	± 5% full scale
DC Current	0 - 250mA	± 5% full scale
Resistance	0 - 500KΩ	± 5% full scale
Battery test	1.5V (100mA)/9V (10mA)	
Overvoltage category	Cat II 300V	
Power supply	1.5 V AA battery (supplied)	
Dimensions	130 x 65 x 40mm	
Weight	200g	

DL114 Mini Multimeter

A mini multimeter with a high contrast 4000 count LCD display. Includes non contact voltage detection and torch.

- Non contact voltage detector
- AC & DC voltage up to 600V
- AC & DC current up to 200mA
- Resistance up to 20MΩ
- Diode test
- Continuity up to 150Ω.



DL114 Specification

Measurement	Range	Basic accuracy
AC Voltage	1mV – 600V	+/- 2.3% + 10 digits
DC Voltage	1.0mV – 600V	+/- 2.3% + 10 digits
AC Current	1.0μA – 200mA	+/- 2.3% + 10 digits
DC Current	1.0μA – 200mA	+/- 2.3% + 10 digits
Continuity	Audible > 150Ω	
Resistance	0.1Ω – 20MΩ	+/- 1.2% + 5 digits
Diode Test	Test current 0.1 mA	
Power supply	2 x 1.5 AAA batteries (supplied)	
Dimensions	104 x 55 x 32.5mm	
Weight	145g	

DL1090 Socket Tester

The simple and reliable test for correct socket wiring.

- Clear visual and audible indication of wiring status
- LED indication of a wide range of wiring conditions.
- Designed to EN 61010 and IP30.



DL1090 Specification

Power supply	From circuit under test
Dimensions	70 x 63 x 55mm
Weight	60g

DL1092 Socket Tester c/w RCD & Earth Voltage Test

The simple and reliable tester for correct socket wiring

- Clear visual and audible indication
- RCD test of 30 mA RCD (max time 300 ms)
- Touch voltage to check for extraneous voltage on earth
- Compact, durable design in compliance with EN 61010.



DL1092 Specification

Measurement	Range
Display	3 LEDs and buzzer
Voltage range	230V +/-10%
RCD test	up to 300mS @30mA
Overvoltage category	CAT II 600V
Power supply	From circuit under test
Dimensions	69 x 67 x 32mm
Weight	71g

Cable Locator/Microwave Leakage Detector

Multimeters Voltage 18th Edition Phase Rotation Clamp

PL500 Fuse & Cable Locator

Simple cable locator set comprising both transmitter and receiver in one complete set.

- Locate fuses/MCBs and assignment to particular circuits
- Find breaks in cable quickly and effectively
- Trace cables in walls up to 40cm
- Accurately sort cables
- Easy to use simply plug in the transmitter and trace cable with the receiver
- Includes sensitivity adjustment thereby maximising the accuracy of both tracing and locating.



PL500 Specification

Measurement	Range
Voltage range	100 to 250V
Frequency range	50 to 60Hz
Tracing depth cable	up to 40cm
Tracing depth fuses/MCB's	up to 10cm
Transmission frequency	approx 8kHz
Over voltage category	CAT III/300V
Power supply	PP3 9V/6LR61 battery (supplied)
Dimensions	Transmitter 86 x 70 x 55mm Receiver 162 x 34 x 22mm
Weight	Transmitter 65g/Receiver 100g

DL2080 Cable Locator Set

Complete set comprising transmitter and receiver. For tracing of cables in walls and locating interruptions and short circuits in cables.

- Tracing of underground cables down to 2.5m
- Transmitter with digitally coded signal for clear signal identification
- Receiver with LCD display signal code and strength identification and voltage indication
- Automatic or manual adjustment of receiving signal sensitivity
- Operates on both live and dead cables.



DL2080 Specification

Measurement	Range
Voltage	12, 50, 120, 230 & 400V
Frequency range	0 – 60Hz
Output signal	125Hz
Tracing depth	0 – 2.5 M wall/underground
Mains voltage detection	0 – 0.4 M
Safety	EN 61010
Over voltage Category	CAT 111 300V
Power supply	9V and 2 x AAA batteries (supplied)
Dimensions	192 x 61 x 37mm
Weight	180g

DL1094 Magnetic Field Indicator

Testing operating solenoid valves in pneumatic and hydraulic control equipment. Testing relays with coils and electrically controlled solenoid valves in all types of vehicles and machinery.

The DL1094 will indicate magnetic fields from AC and DC current and permanent magnets.



DL1094 Specification

Measurement	Range
Magnetic field (h)	63, 98, 401, 810
Max current	32mA
Dimensions	158 x 21 x 25mm
Weight	34g

DL7206 Microwave Leakage Detector

A simple to use compact hand held detector for accurate detection of leakage with visual and audible warnings at danger level.

- Digital LCD with backlight
- Low leakage level display
- Max hold function.



DL7206 Specification

Measurement	Range
	0-9.99 mW/cm2
Warning value	5.0 mW/cm2
Sample rate	2 times per second
Dimensions	160 x 60 x 42mm
Weight	151g

Phase Rotation/Environmental

Multimeters Voltage 18th Edition Phase Rotation Clamp

DL9010 Phase Rotation Tester

- Indicates presence of individual phase via LCD display
- Swift determination of phase rotation via LCD
- Voltage and frequency range suitable for all industrial applications
- No battery required.



DL9010 Specification

Measurement	Range
Voltage Range	40 – 690V
Nominal test current	1mA
Frequency range	15 – 400Hz
Over voltage category	CAT III 600V
Protection level	IP40
Power supply	From mains supply
Dimensions	130 x 69 x 32mm
Weight	130g

DL7107 Six in One Environment Meter c/w Multimeter Function

The DL7107 provides a cost effective solution to environmental compliance testing requirements combined with multimeter functions.

- Decibel readings up to 130dB
- Light levels up to 40,000 lux
- Temperature up to 750°C
- Relative humidity up to 95%.



DL7107 Specification

Measurement	Range	Resolution	Basic accuracy
Sound	100, 130dB	0.1dB	+/- 3.5 dB
Light	40,000 Lux	0.1 Lux	+/- 0.5% +10 digits
Humidity	95% RH	0.1% RH	+/- 5.0%
Temperature	750°C/1400°F	0.1°C/0.1 F	+/- 3% + 2 digits
Non contact voltage	50 – 1000V		
Voltage DC	600V	0.1mV	+/- 0.5% +/- 2 digits
Voltage AC	600V	0.1mV	+/- 1.2% +/-10 v
Current AC/DC	10A	0.1µA	+/- 1.0% +/- 2 digits
Resistance	40MΩ	0.1Ω	+/- 0.8% +/- 2 digits
Capacitance	100µF	0.01µF	+/- 3.5%
Frequency	10MHz	0.001Hz	+/- 1.5%
Power supply	1 x PP3 9V/6LR61 battery (supplied)		
Dimensions	121 x 61 x 40mm		
Weight	280g		

DL9020N Non Contact Phase & Motor Rotation Tester

The DL9020N is a hand held motor and phase rotation indicator. The battery powered instrument is designed to detect the phase rotation of three phase systems and to determine motor rotation direction.

- Determine motor and phase connection
- Non contact phase rotation indication
- Determine phase rotation direction
- Wireless
- Supplied with croc clips.



DL9020N Specification

Measurement	Range
Nominal Voltage Phase Rotation	1V to 400V AC
Nominal Voltage Phase Indication	120V to 400V AC
Frequency Range	2 to 400Hz
Test Current (per phase)	< 3.5mA
Dimensions	128 x 68 x 30mm
Weight	185g

DL7108 Moisture Meter

The DL7108 enables testing of moisture levels in sawn timber, cardboard, paper, plaster, concrete and mortar.

The large LCD display and analogue bar graph provide clear visual readings.



DL7108 Specification

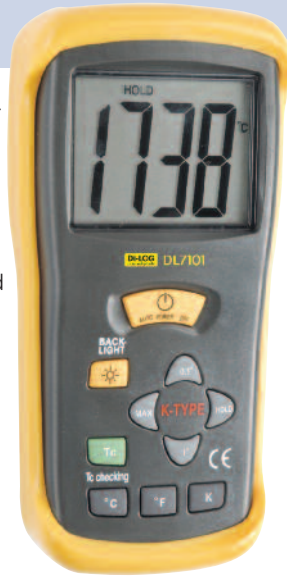
Measurement	Range
Electrode Length	8mm
Electrodes	Integrated, replaceable
Range	Wood 6 - 44% Material 0.2 - 2.0%
Display Accuracy	Wood 1%, material +/- 0.05%
Power supply	3 x CR2032 batteries
Dimensions	140 x 48 x 33mm
Weight	93g

DL7101 Digital Thermometer

Dual input contact thermometer offering fast and accurate temperature indication.

K type single or dual input with differential temperature.

- Displays maximum reading and data hold.
- Large backlit LCD
- T1-T2 mode for differential temperature
- Accuracy to 0.5% on °C and °F settings.



DL7101 Specification

Measurement	Range	Accuracy
Temperature °C	-50 to 1000°C	0.5 % rdg +/- 1°C
Temperature °F	-58 to 2000°F	+/- 0.5 % +/- 2°F
Input protection	60V DC or 24V AC rms	
Power supply	1 x PP3 9V/6LR61 battery (supplied)	
Dimensions	162 x 76 x 43mm	
Weight	403g	

DL7105 Infrared Thermometer

The DL7105 Infrared thermometer offers rapid and accurate temperature measurements. This is the ideal tool for measuring those hard to reach surfaces, moving parts and where it is not practical to use a surface contact probe.

The built in laser guiding system makes it a simple job to fix on the target object.

- 50 to 1 optical resolution, high distance to target ratio
- Wide temperature range from -50 to 1000°C
- Automatic data hold
- Large backlit display
- Automatic power off.



DL7105 Specification

Measurement	Range	Accuracy
Temperature °C	-50 to 1000°C	1.5 % rdg +/- 2°C
Temperature °F	-58 to 1832°F	+/- 1.5 % +/- 4°F
Distance to spot size	50 : 1	
Emissivity	Fixed at 0.95	
Response time	Less than 1 second	
Power supply	1 x PP3 9V/6LR61 battery (supplied)	
Dimensions	230 x 100 x 56mm	
Weight	290g	

DL7204 Professional Thermometer with Infra Red Sensor

Fast response with laboratory accuracy. Works with K type temp probes and the supplied infra red sensor.

Large backlit display shows any combinations of T1, T2, T3, T1-T2, T2-T3, T2-T3 plus max, min, Average.

- Relative time clock on MAX, MIN and Avg
- Electronic offset function
- USB interface, USB to UART bridge
- 18,000 records data logger per channel
- Auto power off mode.



DL7204 Specification

Measurement	Range	Basic accuracy
Type K	-200°C to 1372°C -328°F to 2501°F	+/- 0.15% + 1°C (1.8°F)
IR Probe	-30 to 550°C -22°F to 1022°F	+/- 2.0% + 2°C (3.6°F)
Dimensions	203 x 75 x 50mm	
Weight	280g	

DL7102 Digital Humidity & Temperature Meter

A combined humidity and temperature meter with a compact probe size. Ideal for field use offering high accuracy and fast response measurement.

The addition of dew point and wet bulb reading makes this a truly versatile instrument.



DL7102 Specification

Measurement	Range	Accuracy
Temperature °C	-30 to 100°C	0.5% at 25°C
Temperature °F	-22 to 199°F	- 1.5% at 25°F
Humidity	0% to 100%	+/- 2% at 25°C
Dew Point Temperature	-30 to 100°C -22 to 199°F	
Wet Bulb Temperature	0 to 80°C 32 to 176°F	
Power supply	1 x PP3 9V/6LR61 battery (supplied)	
Dimensions	225 x 45 x 34mm	
Weight	200g	

94029 Thermometer Set

A complete kit for accurate temperature monitoring in all application areas.

Supplied in a handy carry case.

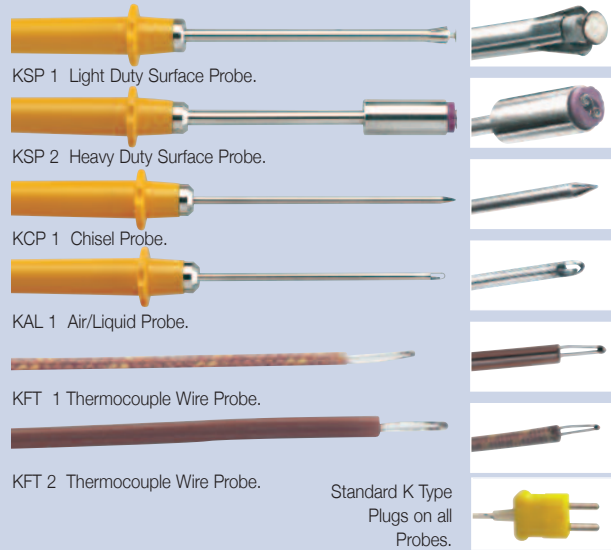
- Digital thermometer DL7101
- Surface probe KSP1
- Liquid probe KAL1
- Carry case.



94029 Specification

Measurement	Range	Accuracy
Temperature °C	-50 – 199.9 °C	+/- 0.5% rdg + 1 digits
	-50 – 1200 °C	+/- 0.5% rdg + 2 digits
Temperature °F	-58 – 199.9 °F	+/- 0.5% rdg + 2 digits
	-58 – 1999 °F	+/- 0.5% rdg + 4 digits

Probes



Probes Specification

Temp Range °C	Response Time (seconds)	Stem Length (mm)	Stem Dia. (mm)	Lead Length (m)
KSP1 -50°C to +500°C	0.8	100	3.3	1.0
KSP2 -50°C to +500°C	0.3	100	13	1.0
KCP1 -50°C to +500°C	0.5	100	3.3	1.0
KAL1 -50°C to +500°C	5.0/0.1	100	3.3	1.0
KFT1 -50°C to +250°C	10.0	–	–	1.0
KFT2 -50°C to +500°	10.0	–	–	1.0

DL7030N Digital Light Meter

Pocket size light meter, providing accurate display of light levels in foot candles or LUX over a wide range. Manual ranging with four settings: 200, 2000, 20,000 and 50,000 LUX.

- Max and data hold
- Long life silicon photo diode
- Measurement rate: 1.5 times per second.



DL7030N Specification

Measurement	Range
Display	3½ Digit 0-200/0.1Lux
Lux range/resolution	0-2000/1.0 Lux
	0 – 20,000/10 Lux
	0 – 50,000/100 Lux
Accuracy	+/- 5% rdg + 10 digits
Power supply	1 x PP3 9V/6LR61 battery (supplied)
Dimensions	120 x 65 x 25mm
Weight	237g

DL7040 Digital Light Meter

4000 count digital LCD display c/w bar graph.

- Wide measuring range up to 400,000 Lux
- Long life silicon photo diode sensor
- Measurement rate 1.5 times per second.



DL7040 Specification

Display	3½ Digit	Accuracy
Lux range/resolution	0 – 50,000 Lux 0 – 400,000 Lux	+/- 5% + 10 digits +/- 10% + digits
Max resolution	0.1 Lux	
Measuring rate	1.5 times per second	
Power supply	PP3 9V/6LR61 battery (supplied)	
Dimensions	165 x 76 x 43mm	
Weight	403g	

DL7103 Digital Sound Level Meter

Easy measurement of sound level for health and safety compliance, with regard to nuisance noise levels and compliance with warning indication for fire alarms.

- Fast and slow response function
- A & C weighting function
- Max reading and data hold
- Large LCD display.



DL7103 Specification

Measurement	Resolution	Basic Accuracy
Lo: 30-100dB	0.1dB	+ 1.5dB
Hi: 60-130dB	0.1dB	+ 1.5dB
Battery life	Approx 50 hours	
Power supply	1 x PP3 9V/6LR61 battery (supplied)	
Dimensions	210 x 55 x 32mm	
Weight	230g	

DL7010 Thermo Anemometer

The DL7010 measures air velocity, air flow (volume) and temperature. The large easy to read back lit display includes primary and secondary displays plus numerous status indicators. This is the ideal instrument for ventilation surveys, air conditioning and environmental monitoring.

- Simultaneous display of air flow or air velocity plus ambient temperature
- Up to 8 easy to set area dimensions are stored in the internal memory
- Resolution of 0.01 m/sec
- 20 point average for air flow
- Max/Min, data hold functions
- Large (9999 counts) LCD backlit display.



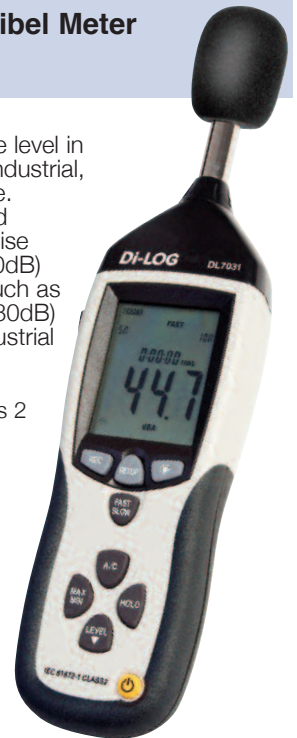
DL7010 Specification

Measurement	Range	Accuracy
Air Velocity		
Meter per second m/s	0.4 - 30.00	+/- 3% +/- 0.2 m/s
Feet per minute ft/min	80 - 5900	+/- 3% +/- 40 ft/min
Kilometres per hour km/hr	1.4 - 108.0	+/-3% +/- 0.8 km/h
Miles per hour MPH	0.9 - 67.00	+/-3% +/- 0.4 MPH
Nautical mile per hour knots	0.8 - 58.0	+/-3% +/- 0.4 knots
Air temperature	-10 to 60°C (14-140°F)	+/- 2.0 C (4.0 F)
Air Flow CFM	0-999900	0-999.9 ft2
Air Flow CMM	0-999900	0-999.9 m2
Size	203 x 75 x 50mm	
Weight	280g	

DL7031 Class 2 Decibel Meter

Accurate measurement of noise level in all application areas including industrial, office and fire alarm compliance. Hi-Lo settings provide improved resolution depending on the noise levels. The LO setting (30dB-80dB) can be used in quieter areas such as offices. The HI setting (80dB-130dB) provides a higher range for industrial applications.

- Conforms to IEC61672-1 class 2
- A & C weighting function
- Fast & Slow response
- Analogue AC/DC output
- Memory for 32700 readings.



DL7031 Specification

Measurement	Range
Level ranges	LO 30dB - 80dB HI 80dB - 130dB
Accuracy	+/- 1.4dB
Resolution	0.1dB
Standard	IEC 61672 - 1 Type 2
Frequency range	31.5Hz - 8KHz
Dimensions	278 x 76 x 50mm
Weight	350g

DL7104 Digital Tachometer

The DL7104 tachometer provides fast and accurate contact and non contact RPM and surface speed measurements of rotating objects.

- Wide measurement range and high resolution
- 40 readings memory locations
- 5 digit LCD display
- Built in laser pointer.



DL7104 Specification

Measurement	Range
Accuracy	+/- 0.05% + 1 digit
Contact test range	2 to 20,000 rpm
Non contact test range	2 to 99,999 rpm
Resolution	0.1 rpm (2 to 9999.9 rpm) 1 rpm (over 10,000 rpm)
Power supply	PP3 9V/6LR61 battery (supplied)
Dimensions	160 x 60 x 42mm
Weight	160g



SL500 Expert Solar PV Kit with Power Measurement

The SL500 is the expert solar PV test kit designed to assist in the commercial installation of solar PV systems.

The kit includes the SL102 - irradiance meter and the DL6508 - 1500A AC/DC current clamp with 1000V DC VOC measurement all packaged in a soft carry case.

(See page 14 for DL6508 specifications).



SL300 Advanced Solar PV Kit

The SL300 is a professional solar PV test kit designed to assist in the installation of solar PV systems. The kit includes the SL102 - Irradiance meter and the DL6402 - AD/DC Current clamp all packaged in a soft carry case.



SL102 Advanced Irradiance Meter with built-in DMM

The SL102 is a professional solar irradiance meter designed to assist in the installation of solar panel PV systems. With its multimeter like design, the SL102 enables you to perform safe and accurate measurements, even when working at heights.

The SL102 features a dual display which allows you to simultaneously record the Irradiance level and Voltage output with the panel connected in situ.

- Solar irradiance measurement to 1999 W/m² or 634BTU/ft²*h
- Dual display for simultaneous irradiance and voltage (VOC) measurement for in situ testing
- Min/max recording function
- Auto Hold
- AC/DC voltage to 600V
- Audible continuity and diode test
- AC/DC current to 200mA (Not to be used for PSC)
- MC4 Red/Black lead set for VOC measurement
- Carry Case.



SL102 Specification

Measurement	Range	Basic Accuracy
Irradiance	1999W/m ² 634BTU/ft ² *h)	Typically within $\pm 5\%$ of rdg or $\pm 10\text{W/m}^2$ Typically within $\pm 5\%$ of rdg or $\pm 3\text{BTU/ft}^2\text{*h}$
AC Voltage	0.001V - 600V	1.5% ± 5 digits
DC Voltage	0.1mV - 600V	1.0% ± 3 digits
AC Current	0.1uA - 200mA	1.8% ± 8 digits
DC Current	0.1uA	1.5% ± 3 digits
Resistance	0.1 Ω - 20M Ω	1.2% ± 3 digits
Continuity	<150 Ω	
Diode Test	1mA max typical/Open Max 3V DC	N/A
Power supply	1 x 1.5V AAA & 1 x 9V battery (supplied)	
Dimensions	162 x 74.5 x 44mm	
Weight	308g	

SL200 Solar PV Kit

The SL200 is an entry level solar PV test kit. The kit includes the SL101 - Solar irradiance meter and the DL6402 - AC/DC Current clamp meter packaged in a soft compact carry case.



See page 28 for SL101 specification.
See page 13 for DL6402 specification.

SL101 Compact Digital Irradiance Meter

The SL101 solar irradiance meter is designed to assist in the installation of solar panel PV systems. With its compact hand held design, the SL101 enables you to perform safe and accurate measurements, even when working at heights. The SL101 also features a hold facility allowing you to record the Irradiance level safely.



- Solar Irradiance measurement to 1999 W/m² or 634 BTU/ft²h
- Auto Hold
- Min/Max Record function
- Carry Case.

SL101 Specification

Measurement	Range	Basic Accuracy
Irradiance	1999W/m ²	Typically within $\pm 5\%$ of rdg or $\pm 10\text{W/m}^2$
	634BTU/ft ² h	Typically within $\pm 5\%$ of rdg or $\pm 3\text{BTU/ft}^2\text{h}$
Power supply	1 x PP3 9V/6LR61 battery (supplied)	
Dimensions	142 x 48 x 38mm	
Weight	208g	

SL909 MC3 & MC4 Crimp Tool Kit

The SL909 is a high precision crimping tool kit with tough ratcheted mechanism for complete crimps; 1.2 metric tons pressure at crimping face, with minimal hand effort; Interchangeable high-precision crimping die set.

Tool kit includes:

- 1 PCS SL908 MC4 Crimp Tool
- 1 PCS SL907 MC3 Die
- 1 PCS Wire stripper with cutter
- 1 PCS SL906 Solar Spanner
- 1 PCS Allen Key
- 1 PCS MC4 Connector
- 1 PCS Solar Crimp Guide
- 1 PCS Carry Case.



SL908 MC4 Crimp Tool

The crimping tool is a high-precision ratchet mechanism for complete crimps.

The SL908 solar crimping tool is an industrial quality tool for crimping MC4 male and female solar contacts, to crimp 26-10AWG pins (2.5~6.0mm²).

- 1.2 metric tons pressure at crimping face, with minimal hand effort
- Interchangeable high-precision crimping die set
- Optional MC3 Die Set – SL907
- Capacity: 2.5-6.0mm²
- AWG: 26-10AWG
- Length: 270mm
- Weight: 0.74Kg.



TL1000 Test Lead Set c/w Croc Clips

- Standard unfused 4mm shuttered connectors to suit all types of instruments
- Supplied with croc clips
- Safety compliance with GS38.



LS3W9073 3 Wire Lead Set for MFTs

- Supplied with 3 interchangeable prods and croc clips.
- Lead for testing at control panels, distribution boards and lighting circuits.
- Will suit all MFT's with 4 mm connectors.



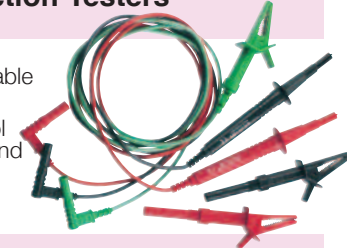
FL250C Fused Safety Lead Set

- Standard fused lead set, complies with GS38 safety standard
- 4mm shuttered connectors to suit all types of instruments
- Supplied with crocodile clips (max 50V).



FL1073 3 Wire Fused Lead Set for Multi Function Testers

- Supplied with 3 interchangeable prods and croc clips
- Fused lead for testing control panels, distribution boards and lighting circuits.



TL500 Lead Set for Multimeters

- Highly flexible PVC lead
- Standard 4mm connectors
- Lead length 1 metre.



ML9073 Mains Lead

- Mains lead for Multi function testers.



TL1500 Electricians Lead Set

- A comprehensive test lead kit
- Lead length 1 metre
- Highly flexible PVC lead
- Standard 4mm connectors.



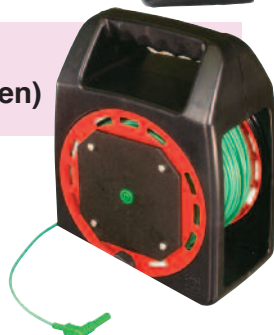
CP1190 Carry Case for Voltage/Continuity Testers & Lockout Kits

- Complete with belt loop
- Size: 290 x 75 x 45mm.



LS50M 50M Test Lead Extension (Green)

Extension test lead for direct R2 measurements. For use with all makes of Insulation/Continuity testers & Multi-function testers.



PL908 Standard Test Lead Set

- Safety test leads with 2 mm stainless steel tip
- 4mm safety socket.



PSL/UK Mains Lead

For Loop & RCD Testers (ML9073 for multi function).



DL1203 Carry Case

Carry case complete with shoulder harness for 9083P MFT.



LK240 3 Wire Lead Set

For Loop & RCD testers (FL1073 for DL911x Series MFT).



Part of the Di-LOG Group

TEST EQUIPMENT HIRE

A comprehensive range of test equipment to hire

We offer a wide variety of instrumentation from Power Quality Analysers, to Thermal Imagers and 18th edition Installation Testers to PAT Testers. We are continuously adding to our hire fleet of test instruments, so please visit our website or contact our sales team for the latest product, price and availability.

- Equipment continuously upgraded to the latest models
- Short term hire from 1 week. Discounts for longer term hire.
- Free delivery anywhere in the UK mainland
- Great deals on equipment purchased after a hire period.
- Power Quality Expert Health Check Service - structured report aimed at giving you an overview of your installations Power Quality and Energy Performance.



MEGGER TDR
HANDHELD TDR (10M - 30KM)



SEAWARD APOLLO+
PORTABLE APPLIANCE TESTER



CHAUVIN ARNOUX PEL103
POWER & ENERGY LOGGER



QUALISTAR CA8336
POWER ANALYSER



POWER HEALTH CHECK
POWER ANALYSIS SERVICE



FLIR Ex SERIES
THERMAL IMAGING CAMERA



FLIR Exx SERIES
THERMAL IMAGING CAMERA



ECAT4+ & GENNY
CABLE AVOIDANCE AND GENERATOR



IDEAL LANTEK
CAT5/6 CABLE CERTIFIER



CROPICO DC07
MICRO OHM METER



DI-LOG DL9063 5kV
5kV INSULATION WITH PI



MEGGER 1721 MFT
MULTIFUNCTION TESTER



FLUKE 1662
MULTIFUNCTION TESTER



DI-LOG DL9110
MULTIFUNCTION TESTER



DI-LOG DL9118
MULTIFUNCTION TESTER

CALL 0161 8770322

www.ihuk.biz

Calibration and Repair Service



Do you need to have your instruments calibrated?
Do you require a fast and efficient turnaround?
Look no further

At Re-Cal we understand the importance of having test equipment that operates accurately and reliably. Instrument accuracy is critical to ensure that test results obtained are within specified parameters. A calibration certificate is also a requirement as part of any professional accreditation.

Quality Assured - State of the art high precision calibrators used in conjunction with software driven automated test sequencing means we can offer accurate, consistent and fully traceable test certificates.

Nationwide Service - Using the unique **U-Crate** system we now offer the fastest most secure calibration service in the UK. We offer a FREE collection and delivery service from anywhere in mainland UK, with collections arranged twice a day.

On Site Calibration - For businesses that have a large quantity of equipment and want to minimise down time and have the security of keeping equipment on their own site. The Re-Cal **Lab on Wheels** offers the ideal solution. The mobile lab is equipped with the same calibration systems we have in our base facility.

Our client list includes; nuclear power stations, aerospace, hospitals, local authorities, aircraft manufacturers and now a formula 1 team.



Scopes

Electrical	18th Edition, Portable Appliance Testers, Multimeters, Clamp Meters.
Mechanical	Torque Wrenches, Verniers, Micrometers
Environmental	Temperature, Decibel meter, Manometers, Gas analysers, Digital and analogue pressure gauges



ON SITE

SPECIALIST CALIBRATION

We bring the cal lab to your premises

