



Test Instruments

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TESTING

Basic Test Equipment

The Newlec test equipment range provides a comprehensive range of top quality testers designed for both professional and newly qualified tradesman. They are suitable for electricians, plumbers and HVAC.

All testers are designed to meet all relevant international safety standards notably IEC 1010 and CE requirements.

All products carry a minimum 12 month warranty.



CALIBRATION

Why Calibrate?

To maintain the high standards of test equipment, periodic calibration and servicing is required. This forms a vital part of the maintenance procedure for any test instrument, and gives you confidence in using your tester knowing that it is still performing within the manufacturer's specification.

Without periodic calibration an instrument can drift out of the manufacturer's specification and potentially lead to faulty test readings.

Service & Calibration

- Service traceable to National Standards.
- Offer fast and effective turnaround times.
- Calibration certificates.
- Competitive repair & calibration prices.

Our Service and Calibration team offers high quality support and can offer you a fast and efficient service for most types of test equipment. Customer requirements are always a major priority and the approximate cost and turnaround time for repair or calibration can be advised after an initial examination of the test equipment in the following:

- Multimeters.
- Clamp Meters.
- Portable Appliance Testers.
- 17th Edition Test Equipment.
- Earth Resistance Testers.
- Testo/Telegas Gas Detectors & Combustion Analysers.
- High Voltage Test Equipment.
- Environmental Testers.
- Torque Wrenches.
- Weighing Scales.

Our service provider has been assessed and registered by NQA against the provisions of BS EN ISO 9001: 2008

The laboratory is accredited by the United Kingdom Accreditation Service (UKAS)



For precision repairs, maintenance and calibration of instrumentation
put us to the test **Telephone: 01234 857171 Fax: 01234 840371**

POWER DETECTOR



- Contact-free optical and acoustic 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.
- On/off switch avoids nuisance buzzing and extends battery life.
- Supplied complete with 1.5V AAA batteries.



1 Year

ORDER CODE	MODEL NO.	PRICE - EA
1050151601	NLPDN	1 off £15.36

SOCKET TESTER



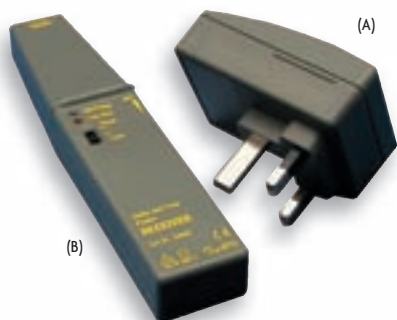
- Fast and effective test for safe and correct socket wiring.
- Reliable and simple to use.
- Clear durable LED indication of wiring status.
- Additional buzzer indication for situations where it is hard to see the LEDs.
- Modern ergonomic design with unique double moulded soft finger grips. Durable design to safety standard EN 61010.
- Bright LEDs indicate a range of wiring conditions for easy fault finding.



1 Year

ORDER CODE	MODEL NO.	PRICE - EA
1050362836	NLST3	1 off £16.89

FUSE AND CABLE FINDER



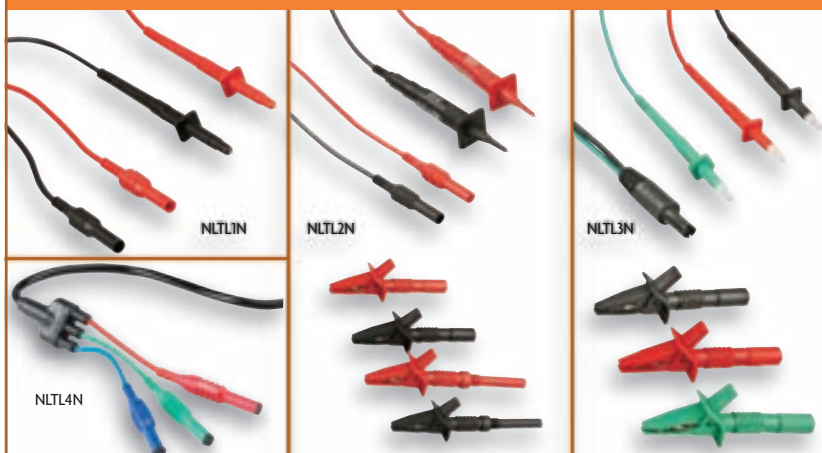
- Simple cable locator set comprising both transmitter and receiver in one complete set.
- Locate fuses/MCBs and assignment to particular circuits.
- Find breaks in cable quickly and effectively.
- Trace cables in walls up to 40cm.
- Accurately sort cables.
- Easy to use, simply plug in the transmitter and trace cable with the receiver.
- Includes sensitivity adjustment for greater accuracy in tracing and circuit assignment.
- Standard UK 3 pin mains adaptor for use in 13A sockets.



1 Year

ORDER CODE	MODEL NO.	PRICE - EA
1000008921	NLFCF	1 off £60.50

TEST LEADS



1 Year

Users are referred to the HSE guidelines GS38 "Electrical test equipment for use by electricians". This provides guidance on the selection of suitable test probes, leads, lamps, voltage indicating devices and other measurement equipment used when working on, or investigating power circuits with a rated voltage not exceeding 650V.

ORDER CODE	MODEL NO.	DESCRIPTION	PRICE - EA
1050326814	NLTLIN	Unfused + Crocodile Clips	1 off £25.86
1050326815	NLTL2N	Fused + Crocodile Clips	£47.41
1050326816	NLTL3N	3 Wire Lead Set	£50.93
1050344140	NLTL4N	Break-out Lead Set	£27.72

All prices subject to VAT at 17.5%.

DIGITAL MULTIMETERS



Users are referred to the HSE guidelines GS38 "Electrical test equipment for use by electricians". This provides guidance on the selection of suitable test probes, leads, lamps, voltage indicating devices and other measurement equipment used when working on, or investigating power circuits with a rated voltage not exceeding 650V.

MULTIMETER - DIGITAL



- Digital multimeter in a double moulded housing.
- Manufactured to IEC 1010-1, CAT III 600V.
- 3½ digit LCD display, max reading 2000 digits.
- AC/DC voltage measurements up to 600V.

CE

- DC current from 2000uA to 10A.
- Resistance measurement up to 2MΩ.
- Battery test 1.5V/9V.
- Overvoltage category Cat II 600V.



2 Year

ORDER CODE	MODEL NO.	PRICE - EA
		1 off
1052043549	NLDMMBN	£36.56

MULTIMETER - DIGITAL



- Manufactured to IEC 1010 -1, Cat II 600V.
- Manual ranging general purpose multimeter.
- Current range up to 20A.
- Large LCD display.
- Double moulded case.
- Auto power off.
- Data hold function.

CE

- 2000 count LCD display.
- Continuity buzzer.
- Diode check.
- Supplied with test leads.



2 Year

ORDER CODE	MODEL NO.	PRICE - EA
		1 off
1050343179	NLDMLCN	£67.78

MULTIMETER - AUTO-RANGING



- A fully featured compact multimeter.
- Manufactured to IEC 1010, CAT III 600V.
- 6000 count LCD display with 61 segment analogue bar graph.
- 750V AC voltage range.
- 1000V DC voltage range.
- 10 A AC/DC current range.

CE

- Audible continuity/resistance to 60MΩ.
- Temperature reading in °C and °F.
- Capacitance range to 10pF.
- Diode test.
- Max/min and data hold.
- Supplied with test leads and temp probe.



2 Year

ORDER CODE	MODEL NO.	PRICE - EA
		1 off
1050343180	NLDMMIN	£81.10

MULTIMETER - AUTO-RANGING - ADVANCED



- Manufactured to IEC 1010 1000V.
- A high precision multimeter with mV and mA settings.
- 6000 count backlit display with bar graph.
- 1000V AC/DC voltage range.
- 10A AC/DC current range.
- Audible continuity/resistance to 60Ω.

CE

- Frequency range to 9999 MHz.
- Duty cycle to 999 %.
- Input impedance 10MΩ.
- Double moulded enclosure rated to IP67 for dust and water ingress.



2 Year

ORDER CODE	MODEL NO.	PRICE - EA
		1 off
1050343181	NLDMM2N	£108.36

All prices subject to VAT at 17.5%.

VOLTAGE AND CONTINUITY TESTER



Testing of AC/DC voltages up to 690V. 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.

- LED display - 12, 24, 50, 120, 230, 400, 690V.
- AC/DC voltage 12V to 690V.
- Continuity 0 to 400KΩ.
- Phase rotation 100 to 690V.
- Over voltage protection 690V AC/DC.
- IP65 rating - shower and dustproof.
- Power supply - 2 x AAA (LR03) batteries.
- Dimensions - 255 x 70 x 28mm.
- Weight: approx. 210g.

CE



ORDER CODE	MODEL NO.	PRICE - EA
1050151511	NLVCT2	1 off £53.24

VOLTAGE AND CONTINUITY TESTER - DIGITAL



Testing of AC/DC voltages up to 690V. 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.

- LED and LCD display - 12, 24, 50, 120, 230, 400, 690V.
- AC/DC voltage 12V to 690V.
- Continuity 0 to 400KΩ.
- Phase rotation 100 to 690V.
- Over voltage protection 690V AC/DC.
- IP65 rating - shower and dustproof.
- Power supply - 2 x AAA (LR03) batteries.
- Dimensions - 255 x 70 x 28mm.
- Weight: approx. 210g.

CE



ORDER CODE	MODEL NO.	PRICE - EA
1050362837	NLVCT3	1 off £70.26

CLAMP METER



- 1000A AC current reading.
- 600V AC/DC voltage range.
- Audible continuity/resistance to 20MΩ.
- Diode test.
- Data hold and peak capture.
- Electronic overload protection.
- 2000 count backlit LCD display.
- 30mm jaw opening.
- Slim design with tear shaped jaw for easy access to crowded panels.

CE



ORDER CODE	MODEL NO.	PRICE - EA
1050343182	NLDCMIN	1 off £101.40

All prices subject to VAT at 17.5%.

The 17th edition testers you'll need.

- You must have a set of test instruments that can test insulation and continuity, earth loop impedance and residual current devices (RCDs) in order to comply with Part P of the Building Regulations.
- Because Newlec 17th Edition testers satisfy the needs of BS 7671:2001 and the IEE 16th Edition wiring regulations, Part P has no effect on their function: they comply with the 17th Edition and they comply with Part P.
- Newlec 17th Edition test instruments also comply with the appropriate safety and function standards, EN 61557 and IEC61010 for your own protection.

TESTER - INSULATION



- 250V and 500V insulation test ranges to 1000M Ω .
- 200mA continuity to 100 Ω .
- Continuity buzzer.
- Lead null to 9 Ω .
- Live circuit warning and test inhibit.
- Auto power down.
- Locking test button.



ORDER CODE	MODEL NO.	PRICE - EA
1050316119	NLINS300	1 off £226.55

TESTER - INSULATION



- 250V, 500V and 1000V insulation test ranges to 1000M Ω .
- Insulation limit alarm.
- 200mA continuity to 100 Ω .
- Continuity buzzer.
- Lead null to 9 Ω .
- Live circuit warning and test inhibit.
- Voltage measurement AC/DC.
- Resistance measurement.
- Auto power down.
- Locking test button.
- Backlit display.



ORDER CODE	MODEL NO.	PRICE - EA
1050316120	NLINS320	1 off £322.91

All prices subject to VAT at 17.5%.

TESTER - LOOP



A soft test function ensures circuits may be tested when protected by an RCD. In a fast, high current loop test the NLOOPNT provides a 2 wire test option - ideal for tests at the distribution board or on lighting circuits.

In addition, the unit enables tracking of max Zs and calculates R1 and R2 readings - a great time saver.

- Phase to phase loop testing.
- Non-trip loop test.
- PFC display.
- Max Z display.
- R1 and R2 calculation.
- 2 wire high current test.
- Phase rotation indicator.
- 110V and 240V working.
- Frequency and voltage measurement.
- Three phase safe.
- Backlit display.



ORDER CODE	MODEL NO.	PRICE - EA
1050316121	NLOOPNT	1 off £447.54

TESTER - RCD



Features include remote testing, where the instrument cycles through the test sequence so you can stay with and reset the RCD, and a ramp test function to search for nuisance tripping. RCDs on 110V centre tapped supplies can also be tested due to the wide operating voltage range of 50V to 280V.

- 50V to 280V working.
- Standard, DC and selective RCDs.
- 10, 30, 100, 300, 500, 1000Ma RCDs.
- 1/2, 1I and 5I tests at 0° or 180° polarity.
- Ramp test.
- Selective AC/DC testing.
- Touch voltage measurement and test inhibit.
- Three phase safe.
- Backlit display.



ORDER CODE	MODEL NO.	PRICE - EA
1050316122	NLRCDT	1 off £311.58

All prices subject to VAT at 17.5%.