



CE 9101DB

## FEATURES

- Mains wiring polarity check.
- ELCB/RCD testing.
- Measuring ear for line current.
- Measuring ear for leakage current.
- Helps calculate insulation resistance.
- Helps calculate power consumption.
- Helps fault finding of standing earth fault.
- Fused main adapter.
- Appliance testing (with the ad of a clamp meter).
- Fused appliance socket.
- No batteries required.
- HRC fuse inside.
- Fused, color-coded universal test sockets.
- Universal mains IED Lead.

### + Detailed Features

**Mains Wiring Polarity Check**  
 Test button - injects  $I_L$  on  $I_L$  into earthing system when pressed

**Earth Leakage Tester**  
 Universal adapter is connected to the mains connection via a HRC fuse and is color coded.

**Fused Mains Adapter**  
 Color-coded Earth Current Ear - measures the leakage current of the appliance under test to calculate its insulation resistance

**Appliance Tester**  
 \*Appliance leakage current helps to calculate the insulation of the appliance and verifies if the appliances adds standing leakage current onto your system

Mains connections is established by using a computer lead, "IEC LEAD"

Wiring polarity check condition can be cross-referenced to this Condition table

Neon lights A, B, C cross references to the Condition table

$I_L$  on  $I_L$  flowing LED indicates when current is injected into the earth system.  $I_L$  confirms that current is flowing to earth

Current selection rotary switch

Universal mains adapter uses 4mm compatible sockets

Color-coded Line Current Ear - to measure the line current consumption of the appliance under test

\*Appliance line current helps to calculate the power of the appliance and verifies that it is within specifications.

Appliance socket

## SPECIFICATIONS

VOLTAGE / POWER INPUT	Universal IEC LEAD 230V/10A
DIMENSIONS	223(L)x152(W)x67(D)mm
WEIGHT	Approx. 320g
Accessories (to use appliance test feature)	Leakage clamp
WIRING POLARITY CHECK	
Nominal Voltage	230Vac/ 50Hz
Mains Voltage Tolerance	±10%
ELCB / RCD TESTER	
Nominal Voltage	230Vac/ 50Hz
Current Tolerance	Proportional
	(Current proportional to Line to Earth Voltage)
UNIVERSAL TEST SOCKETS/ APPLIANCE TESTER	
Nominal Voltage	230V/ 50Hz
Mains Voltage Tolerance	±10%
Fused	10A
APPLIANCE LINE CURRENT COIL/ APPLIANCE EARTH CURRENT COIL	
Line Current Fused Measured by Type	Current clamp

- ✓ CHECKS MAIN WIRING POLARITY
- ✓ ELCB/RCD TESTING
- ✓ LINE CURRENT
- ✓ LEAKAGE CURRENT