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Insulation & Multi-function Tester(LCD)

CE

4153 IN

FEATURES

- **Microprocessor-controlled.**
- Measures Insulation Resistance, voltage (AC-DC) measurements with automatic hold facility, diode, ohm, and continuity with a short circuit current of minimum 220mA.
- Auto-off function.
- Energy conservation feature.
- Ener-Save™ limit the test duration to about 10 Seconds.
- Quick Test and EnerSave™ are unique features. Both saves energy.
- No moving parts. All calibration are saved internally in a non volatile memory.
- Easy calibration at any facility around the world.
- Operates with rechargeable batteries, alkaline or low cost general purpose batteries.
- Low cost maintenance, calibration, and ownership.
- Complies to all the latest regulations, including UK.

SPECIFICATIONS

Insulation Test

Test voltage (DC V) and Measuring ranges	250V / 0.2M~2GΩ 500V / 0.2M-4GΩ 1000V / 0.2M-8GΩ
Output voltage @ 1mA	Rated test Voltage +10% Max
Accuracy	0.2M~4GΩ : ±3%rdg 4GΩ~8GΩ : ±5%rdg
When voltage is constant, Current is limited at	1.2mA
Short circuit current	4mA Max.

Continuity Test

Measuring ranges	0.01-1999Ω
Accuracy	0.01-100Ω : ±1.0%rdg 100-300Ω : ±1.5%rdg 300-1999Ω : ±2.0%rdg
Short circuit current	>220mA
Open circuit voltage	5V dc
Resolution	±2 counts

Voltmeter

AC voltage (Auto)	0-700V
DC voltage (Auto)	0-950V
Accuracy	±1.5% rdg
Resolution	±1V

Protections

Over load	700V (between all terminals)
Over voltage	Class III-700V towards ground
Fuse	500mA 250V, (5 × 20mm), HBC, Fast Blow

General

Display	2 lines × 16 characters LCD
Auto-null threshold	5Ω
Buzzer threshold	3Ω
Fast test	10Sec
Long test	60Sec
With PI and DAR test function	10Min
Load battery test current	About 300mA
Operating temperature	0°C to 40°C not in full sun
Storage temperature	-10°C to 50°C
Dimensions	250(L) × 190(W) × 110(D)mm
Weight (battery included)	Approx. 1460g
Power source	1.5V(AA) × 8
Safety standard	EN 61010-1 CAT III 600V EN 61326-1
Accessories	Instruction manual Test leads Shoulder belt Batteries