

Multifunction Insulation Tester



Model: 92788



Features:

- Auto-Range microprocessor controlled.
- Insulation test voltages : 250, 500, 1000V
- Polarization Index test.
- Dielectric Absorption Ratio test.
- Mov/protection devices test.
- Gas Arrester function.
- Automatic voltmeter AC/DC at Start/Reset.
- Test ON-OFF.
- Battery test.
- Safety voltmeter before each test.
- Auto-Discharge on all test and all ranges.
- Leads Auto-Null key.
- Test Auto-Stop.
- Smart hold & Stop on voltmeter ac/dc.
- Ener-Save™.
- EN 61010-1 / EN 61326-1 / CAT III 600V.

Scope of Supply:

- 1 pc Insulation Tester 92788
- 2 pc Test leads
- 6 pc Batteries 1.5 V, IEC LR6
- 1 pc Instruction Manual

This is a product which has everything you'll ever wanted in a compact size tester. It has all the basic features needed to check and certify an electrical installation. It has a MOV test feature which is used to test and certify protection devices. This is used on Mains protection devices as well as telecom devices. The MOVs can be tested up to 1000Vdc. It has the facility to measure insulation versus time, like using the Dielectric Absorption Ratio and the Polarization Index. These 2 features are very useful for scheduling predictive maintenance. This model is preferred by Plant Maintenance Technicians.

Technical Data:

Display 2 lines x 16 characters LCD

Insulation

Test Voltage	250V	500V	1000V
Auto-Ranges	0-2GΩ	0-4GΩ	0-8GΩ
Accuracy	≤4GΩ	± 3%rdg	
	≥4GΩ	± 5%rdg	
Output Short-Circuit Current	1.2 mA		

Continuity

Measuring Range	0-100/100-300/300-2000Ω
Open Circuit Terminal Voltage	4V DC
Shot Circuit Terminal Current	200mA /DC
Accuracy	±1.5%rdg+3dgt)

Resistance

Measuring Range	1-400kΩ
Test Current	1.3mA

AC/DC Voltage

Measuring Ranges	0-950V/ DC 0-700V/ AC
Resolution	1V
Accuracy	±1.5%rdg

Diode

Test Voltage	5V/DC
Max Test Current	1.5 mA
Accuracy	±3%

MOV Test

Test Voltage	5~1020V/DC
Accuracy	±3%rdg

GAS Arrester Test

Test Voltage	5~1020V/DC
Accuracy	±3%rdg

General

Operation Temperature	1°C to 55°C
Operation Temperature	-20°C to 70°C
Dimensions	205 x 90 x 55 mm
Weight	Approx. 655g