

# 5kV High Voltage Insulation Tester



Model: 94103



- Test voltage 500 V
- Test voltage 1 kV
- Test voltage 2.5 kV
- Test voltage 5 kV
- LCD

Designed and manufactured to read accurate measurements in harsh environments, the 94103 high voltage insulation testers are tough, rugged meters.

They are supplied in a professional, heavy duty case with high quality, high grade, and color-coded modern "flexible" silicone test leads.

The 94103 have a "built-in" integral guard circuitry to eliminate measurement errors introduced by surface leakage current. They are also supplied, as standard, with color-coded guard test leads.

The high tech quality meters are controlled by the latest CMOS Microprocessors and are the preferred choice among public utilities and professional private industries worldwide.

The instruments are simple-to-use and feature the latest state-of-the-art digital calibration. This latest proprietary technique has no moving parts or variable components; thus, staying reliable and accurate, year after year.

**Test Voltage: 0.5kV/1kV/2.5kV/5kV**  
**Range: 30GΩ/60GΩ/150GΩ/300GΩ**

## Features:

- 2 Lines x 16 Characters large LCD.
- Smart microprocessor controlled.
- Four insulation test voltage.
- Insulation resistance auto-ranging on all ranges.
- Measure insulation time test.
- Bar-graph indicates test voltage-rise and decay can be observed during tests.
- Warning and display of external voltage presence.
- ENER-SAVE™
- Very low battery consumption.
- Low battery indicator.
- Overload protection.
- Auto-off.

## Technical Data:

Display	2 Lines x 16 Characters large LCD.			
Test Voltage	500V	1KV	2.5KV	5KV
Auto-Ranges	0-30GΩ	0-60GΩ	0-150GΩ	0-300GΩ
Accuracy	±5%+2 digits			
Output Power Limit	1W			
Sealed with Gasket	Yes			
Operating Temperature	-15°C to 55°C			
Operating Humidity	80% Max. relative humidity			
Power supply	8 x 1.5V, IEC LR6			
Dimensions	250 x 190 x 110 mm			
Weight	approx. 1.70 kg (battery included)			

## Scope of Supply:

- 1 pc Insulation Tester 94103
- 3 pc Test leads With Crocodile Clamps
- 8 pc Batteries 1.5 V, IEC LR6
- 1 pc Instruction Manual

