

Model: 96237



The Microhm Meter is a "full feature professional instrument".

The 96237 makes measurements by passing a constant current through the device under test (generally a conductor, contact or low resistance) and measuring the voltage across it.

It has visual LED checks for excessive; potential lead resistance (RP) and current lead resistance (RC). Should the instrument become too warm, the temperature sensor will shut down the current (ISCOFF).

This instrument is indispensable to laboratory applications and to field applications to measure bonding joints, circuit breakers contact resistance, fuse resistance, testing earth bonds in mines, rail bond when a rail is used as part of a communication system or for power transmission, Checking the plating quality on PCBs, contacts of relays, continuity or ring circuits and of protective conductors etc...

Features:

- Microprocessor controlled.
 - Measure down to $1\mu\Omega$.
 - 6 ranges from 2.000m Ω to 200.0 Ω .
 - Maximum resolution of $1\mu\Omega$.
 - Three Test Current with Over- Temperature Protection.
 - Four Terminal Measurement.
 - Protection against inadvertent connection to over-voltage
 - Clear & large LCD.
 - Potential lead resistance, current lead resistance checks.
 - "Full Featured" EnerSaveTM Inside.
 - EnerSaveTM AUTO-HOLD.
 - EnerSaveTM AUTO-OFF.
 - Rechargeable battery operated, robust & compact.
- Indicators shows if reading may be invalid (RP, Rc).
- "O-Ring" sealed case.
 - Portable - Rechargeable battery.
 - EN 61010-1 / EN 61326-1

Technical Data:

Display	3 $\frac{1}{2}$ digit (1999 counts)
Ranges/Resolution	0-2.000 m Ω /1 $\mu\Omega$ 0-20.00 m Ω /10 $\mu\Omega$ 0-200.0 m Ω /100 $\mu\Omega$ 0-2.000 Ω /1 m Ω 0-20.00 Ω /10 m Ω 0-200.0 Ω /100 m Ω
Accuracy	0-2.000 m Ω : $\pm(5\%+5\text{digits})$ 0-20.00 m Ω : $\pm(4\%+4\text{digits})$ 0-200.0 m Ω : $\pm(4\%+4\text{digits})$ 0-2.000 Ω : $\pm(3\%+4\text{digits})$ 0-20.00 Ω : $\pm(2\%+4\text{digits})$ 0-200.0 Ω : $\pm(2\%+4\text{digits})$
Test Current (DC)	2.000 m Ω to 200.0 m Ω : 1A $\pm 3\%$ 200.0 m Ω to 20.0 Ω : 100mA $\pm 2\%$ 200.0 Ω : 10mA $\pm 1.5\%$
Battery	12 V rechargeable
Power Source	Rechargeable battery
Dimensions	330 x 260 x 160 mm
Weight	Approx. 3.2kg (battery included)

Scope of Supply:

- 1 pc Microhm Meter 96237
- 1 set test lead with 4 Crocodile clamps
- 1 pc AC adaptor
- 1 pc Instruction Manual

Option Order:

- 1 set Kelvin clips model 1002
- 1 set Kelvin clips model 1005



1002 Kelvin clips



1005 Kelvin clips