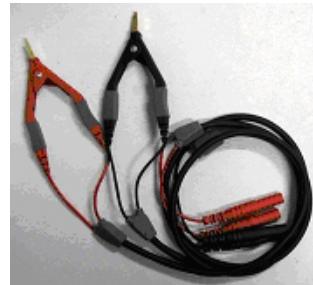


# Test & Measuring Instruments



## DIGITAL LOW RESISTANCE OHM METER

### Test leads



6237 DLRO

The 6237 DLRO is a "full feature professional instrument". The RUGGED and "O-RING" SEALED Digital Low Resistance Ohm and Contact Meter is specially designed to measure very low resistance accurately and give the result directly on the large and clear LCD. The 6237 DLRO 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. The Low Resistance is then calculated by ohm's law.

This superb instrument is powered by rechargeable battery. It is supplied complete with instruction manual and test report / QA certificate. This ensure that every product is not just fully functional and calibrated after the assembly lines, but also within tight specifications tolerances before leaving the strict quality control of Standard Electric Works.

It has visual LED checks for excessive potential lead resistance ( $R_p$ ) and current lead resistance ( $R_c$ ). Should the instrument become too warm, the temperature sensor will shut down the current ( $I_{sc}$  OFF).

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 .
- 6 ranges from 2.000m to 200.0 .
- Maximum resolution of 1 .
- Three Test Current with Over- Temperature Protection.
- Four Terminal Measurement.
- Protection against inadvertent connection to over-voltage.
- Clear & Large Liquid Crystal Display .
- Potential Lead Resistance, Current Lead Resistance Checks.
- "Full Featured" EnerSave Inside.
- EnerSave AUTO-HOLD.™
- EnerSave AUT O-OFF.
- Battery Operated, Robust & Compact.
- Indicators shows if reading may be invalid ( $R_p$ ,  $R_c$ ).
- "O-Ring" sealed case.
- Portable - Rechargeable battery.



### SPECIFICATIONS

Low Resistance Ranges / Resolution	0-2.000m / 1 0-20.00m / 10 0-200.0m / 100 0-2.000 / 1m 0-20.00m / 10m 0-200.0m / 100m
Accuracy	0-2.000m : (5%+5dg) 0-20.00m : (5%+4dg) 0-200.0m : (4%+3dg) 0-2.000 : (3%+2dg) 0-20.00 : (3%+2dg) 0-200.0 : (3%+2dg)
Test Current (dc)	2.000m to 200.0m : 1A 2% 200.0m to 20.0 : 100mA 2% 200.0 : 10mA 2%
Accuracy of DC Voltmeter	0-200.0m : (3%+2dg) 0-2000m : (0.8%+2dg) 0-20.00 : (0.7%+2dg) 0-200.0 : (0.7%+2dg) 0-2000 : (0.7%+2dg)
Maximum Output Voltage (C1 -C2)	10V
Power Source	Rechargeable
Dimension	330(L) x 260(W) x 160(D) mm
Weight	Approx. 3.2 kg(battery included)
Accessories	Test leads(AL -34) Instruction manual Rechargeable Batteries