



# Model 6237 DLRO

## Low Resistance Ohm Meter



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.

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 (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 r elays, continuity or ring circuits and of protective conductors etc...

### Features

- Microprocessor-controlled.
- Measure down to  $1\mu\Omega$ .
- 6 ranges from  $2.000m\Omega$  to  $200.0\Omega$ .
- Maximum resolution of  $1\mu\Omega$ .
- Three test currents with over-temperature protection.
- Four terminal measurement.
- Protection against inadvertent connection to overvoltage. (crow bars for current and voltage)
- Clear & large LCD.
- Potential lead resistance and current lead resistance checks.
- "Full-featured" EnerSave™ Inside.
- EnerSave™ Auto-hold.
- EnerSave™ Auto-off.
- Rechargeable battery operated
- Robust & compact.
- Indicators show if reading may be invalid (RP, RC, and temperature).
- "O-Ring" sealed case.

### Specifications

Low resistance ranges / resolution	0-2.000m $\Omega$ / $1\mu\Omega$ 0-20.00m $\Omega$ / $10\mu\Omega$ 0-200.0m $\Omega$ / $100\mu\Omega$ 0-2.000 $\Omega$ / $1m\Omega$ 0-20.00 $\Omega$ / $10m\Omega$ 0-200.0 $\Omega$ / $100m\Omega$
Accuracy	0-2.000m $\Omega$ : $\pm(5\%rdg+5dgt)$ 0-20.00m $\Omega$ : $\pm(4\%rdg+4dgt)$ 0-200.0m $\Omega$ : $\pm(4\%rdg+4dgt)$ 0-2.000 $\Omega$ : $\pm(3\%rdg+4dgt)$ 0-20.00 $\Omega$ : $\pm(2\%rdg+4dgt)$ 0-200.0 $\Omega$ : $\pm(2\%rdg+4dgt)$
Test current (dc)	2.000m $\Omega$ to 200.0m $\Omega$ : $1A\pm 3\%$ 200.0m $\Omega$ to 20.0 $\Omega$ : $100mA\pm 2\%$ 200.0 $\Omega$ : $10mA\pm 1.5\%$
Maximum output voltage (C1~C2)	10V
Dimensions	330(L) $\times$ 260(W) $\times$ 160(D)mm
Weight	Approx. 3200g (battery included)
Power source	Rechargeable battery
Safety standard	EN 61010-1 EN 61326-1

### Accessories

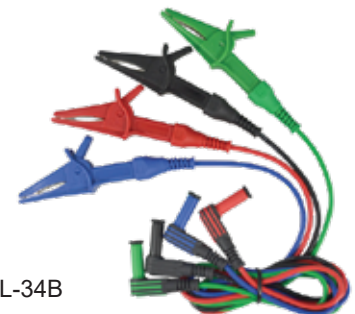
Instruction manual  
Test leads  
Charger



ISL-6237



CHA-17V



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