

Electrical Test & Measurement Instruments





LR-2065

Micro Ohm Meter

LR-2065 digital micro ohm meter comes with maximum 10A DC current injection, which is useful for the measurements of very low resistance in micro ohms as low as $0.1\mu\Omega$. Mains cum rechargeable battery operated LR-2065, works on the proven principle of 4-wire measurements. The LR-2065 is having 4 1/2 digit LCD display with resistance measurement range from $2m\Omega$ to $20k\Omega$, with minimum resolution of $0.1\mu\Omega$. The pulse mode operation is an additional feature.

Features

- ✓ 4 1/2 digit LCD display with annunciations.
- ✓ Resolution $0.1\mu\Omega$ on $2m\Omega$ range.
- ✓ Mains cum Battery operated (Rechargeable Ni-cd).
- ✓ High measurement current of 10A for faster settling of measured values on low resistance.
- ✓ True 4 wire resistance measuring technique eliminates lead resistance errors.
- ✓ Pulse mode, Auto hold operation
- ✓ Proven design in operation from over 20 years.
- ✓ Low battery indication to prevent deep discharge of internal recharging battery.

Applications

The equipment is used for quality checks, routine inspections, quick maintenance work across various industrial applications, and is suitable for design verification, testing, maintenance, QC/QA activities, as well as production use.

- Cables (cross-section below 200 sq mm)
- Transformers (up to 10MVA, dry type)
- Motors (up to 150HP or 110kVA)
- Generator (10kVA to 50kVA)
- Relays
- PC Boards
- Bus Bars
- Contactors
- Weld joints
- Electrodes
- Electronic components (circuit breakers, fuses, shunts, resistive parts, conductive elements, etc)

Technical Details

LR-2065

General Specifications

Warm-up Time Stated	2 to 5 Minutes.
Overrange	Blinking Zero Display
Dimensions	340 mm(D) x 258 mm(W) x 145(H)
Net Weight	4.0Kg Approx with batteries
After Packing	6.0Kg Approx.

Resistance Range

Range	Resolution	MAX CURRENT	ACCURACY ± (%RDG + DIGITS)
*2 mΩ	0.1μΩ	10A	± 0.03 % of reading ± 4 digits
20 mΩ	1μΩ	1 A	± 0.03 % of reading ± 4 digits
200 mΩ	10μΩ	0.1A	± 0.03 % of reading ± 4 digits
2000 mΩ	100μΩ	0.01mA	± 0.03 % of reading ± 4 digits
20 Ω	1mΩ	0.1mA	± 0.03 % of reading ± 4 digits
200 Ω	10mΩ	0.01mA	± 0.03 % of reading ± 4 digits
2000 Ω	100mΩ	1mA	± 0.03 % of reading ± 4 digits
20 kΩ	1Ω	0.01mA	± 0.03 % of reading ± 4 digits

* Current supplied through battery

Environmental

Temperature	Operating : 0 °C to 40 °C Storage : -20 °C to 55 °C
Humidity	Operating & Storage : < 90% RH Non Condensing.

Accessories

Standard

■ Test Lead Set - Kelvin Clips	: 1 No.
■ Test Lead Set of four Crocodile Clips	: 1 No.
■ Fuse 2A, 250v, Ceramic, Size 5 X 20mm, Fast Blow	: 1 No.
■ Fuse 100mA Slow Blow	: 1 No.
■ Fuse 15A 6.35 X 31.5mm, Quick Blow	: 1 No.
■ Mains Cord of 1.5mtr length	: 1 No.
■ Screw Driver For Zero Adjustment Preset	: 1 No.
■ Instruction Manual LR 2065(new)	: 1 No.

Optional

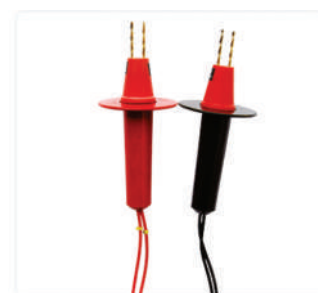
■ Heavy Duty Bond testing probe assembly	: 1 No.
■ Test lead with Heavy Duty Crocodile clip.	: 1 No.
■ 'C' clamp with 10 metre long leads.	: 1 No.

ORDERING INFORMATION

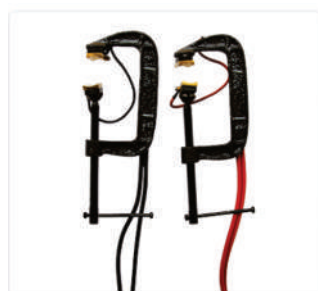
Product	Order Code
LR 2065 with Standard Accessories	109224110



Test leads - Kelvin clip.



Test leads - Bond Testing



Test leads - C Clamp

Notes : **1.** The Instrument is accompanied with Test & Calibration sheet. **2.** Test Facilities can be provided at the factory with the available test set-ups only. **3.** The company's policy includes continuous improvement of its product. We, therefore, reserve the right of any deviation from illustration or specifications without notice. **4.** Stated accuracies are valid from 10% of the range to 95% of the range. **5.** Accuracy specified for temperature range of 25°C ± 5°C & 55% RH ± 10%.

Contact Details

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