



Features

- ✓ 4½ digit LCD display with annunciations.
- ✓ Resolution 0.1 $\mu\Omega$ on 2 m Ω 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.

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 4½ digit LCD display with resistance measurement range from 2m Ω to 20k Ω , with minimum resolution of 0.1 $\mu\Omega$. The pulse mode operation is an additional feature.

Applications

High Precise micro ohmmeter used for measuring accurate low resistance with high accuracy, makes it a reliable tool for Quality Assurance, easy operation and also makes it a very handy for quick maintenance checks for process industries. Typical It is very useful in design, test, maintenance, QC/QA and production. Typical applications include the measurement of

- Cables
- Components
- Relays
- PC Boards
- Bus Bars
- Contactors
- Low rating motors & transformers
- Weld Joints
- Electrodes

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

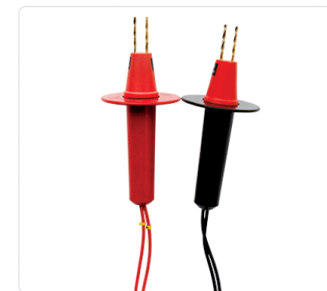
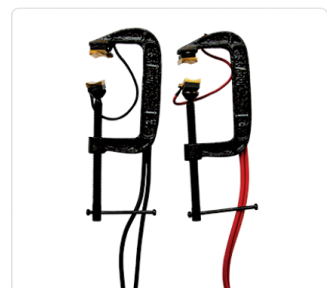
■ Test Lead Set - Kelvin Clips	: 1 No.
■ Test Lead Set of four Crocodile Clips	: 1 No.
■ Fuse 2A, 250v, Ceramic, Size 5 X 20mm, Fast Blow	: 1 No.
■ Fuse 100mA Slow Blow	: 1 No.
■ Fuse 15A 6.35 X 31.5mm, Quick Blow	: 1 No.
■ Mains Cord of 1.5mtr length	: 1 No.
■ Screw Driver For Zero Adjustment Preset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