



EMPOWERING  
MEASUREMENT



## Micro Ohm Meter LR 2045

### FEATURES

- 4 1/2 digit LED display.
- Resolution 0.1  $\mu\Omega$  on 2 m $\Omega$  range.
- RS 232 PC Interface.
- True 4 wire resistance measuring technique eliminates lead resistance errors inherent in 2 wire Measurements systems.
- Pulse Mode Operation.

## GENERAL SPECIFICATIONS

- ◉ **WARM-UP TIME TO STATED** : Five minutes max.
- ACCURACY**
- ◉ **OVERRANGE** : Blinking Zero Display
- ◉ **DIMENSIONS** : Approx. 340 mm (D) x 258 mm(W) x 145 mm (H)
- ◉ **WEIGHT** : Approx. 3.2 Kg.
- ◉ **AFTER PACKING** : Approx. 5.2 Kg.

## ELECTRICAL SPECIFICATIONS

- ◉ At 25° C±3°C, 55%RH ±10%
- ◉ Temp. Co.: 150 ppm/ °C

| RANGE   | MAX READING | MAX CURRENT | ACCURACY ±(%RDG + DIGITS) |
|---------|-------------|-------------|---------------------------|
| 2 mΩ    | 1.9999 mΩ   | 1A          | ±0.5% ±5                  |
| 20 mΩ   | 19.999 mΩ   | 1A          | ±0.05% ±5                 |
| 200 mΩ  | 199.99 mΩ   | 100mA       | ±0.05% ±5                 |
| 2000 mΩ | 1999.9 mΩ   | 10mA        | ±0.05% ±5                 |
| 20 Ω    | 19.999 Ω    | 10mA        | ±0.05% ±5                 |
| 200 Ω   | 199.99 Ω    | 1 mA        | ±0.05% ±5                 |
| 2000 Ω  | 1999.9 Ω    | 0.1mA       | ±0.05% ±5                 |

## STANDARD ACCESSORIES

- ◉ Test leads with GP Kelvin clip.
- ◉ RS 232 cable
- ◉ Mains cord.
- ◉ Instruction Manual.

## OPTIONAL ACCESSORIES

- ◉ Test leads 10 metre long with Heavy Duty Crocodile clip.
- ◉ 'C' clamp with 10 metre long leads.
- ◉ Test leads with Heavy Duty Bond testing probe.

## APPLICATION

- ◉ Cables
- ◉ Components
- ◉ Relays
- ◉ PC Boards
- ◉ Bus Bars
- ◉ Contactors
- ◉ Low rating Motors & Transformers
- ◉ Weld Joints
- ◉ Electrodes



we have a solution.....

DBS/PLLR-02/Rev-02

**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 is continuous improvement of its products. we therefore reserve the Right of any deviation from illustration or specifications without notice. 4.Stated accuracies are valid from 1/10th of range to FS. 5.Accuracy Specified for temperature range of 25°C ± 5°C & 55%RH ± 10%.



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