

MILLIOHMETER LRM 01 - SPECIFICATIONS

Smart ohmic resistance meter



- 4-wire measurement (Kelvin bridge method).
- PDF report generation.
- Temperature measurement compensation.
- Calculation of the percentage error of phase imbalance.
- Allows the use of the test mode intended for electrical machines with 3 or 6 resistors.

Description

The LRM 01 is designed for the precise measurement of extremely low electrical resistances.

Measurement is ensured by the four-wire method, which compensates for the electrical resistance of the cables and contacts, allowing only the resistance of the item under test to be measured.

Specifications

Technical specification	
Basic accuracy	0,25%
Minimum resolution (scale 1)	1 $\mu\Omega$
Maximum test current and voltage	3,3 A / 3,3V
4-wire clamp-on leads	Sim
Temperature compensation	Cobre e alumínio
Ambient temperature measurement	Sim (PT 100)
Measuring range - scale 1	100,0 $\mu\Omega$ –1,000 m Ω
Measuring range - scale 2	1,000 m Ω –10,00 m Ω
Measuring range - scale 3	10,00 m Ω –100,0 m Ω
Measuring range - scale 4	100,0 m Ω –1 Ω
Measuring range - scale 5	1,000 Ω –10,00 Ω
Measuring range - scale 6	10,00 Ω –100,0 Ω
Measuring range - scale 7	100,0 Ω –1000 Ω
Battery run time when powered	14h
Processing and interface specifications	
Screen size	7 "
Touch screen	Capacitive
Languages	Portuguese, English and Spanish
Battery status indicator	Yes
PDF reporting	Yes
Physical specifications	
Dimensions (H x W x D)	131 x 279 x 324 mm
Weight (kg)	3 kg
IP rating	IP 40
Power supply	90-264 V de CA, 47-63 Hz, 2,5 A