

BINTOHM MO1 -400 MILLIOHM METER

PORTABLE DIGITAL METER TO MEASURE LOW RESISTANCE



Applications

Check windings opens or shorts in transformers, motors and generators
Resistance of relays, switches and connectors contacts
Check wire-to-wire connections resistances
Measures on pcb plated through holes, pcb tracks and solder joints
Ring circuit testing
Aircraft bonding check (wick test)
Measures of low resistance in production and maintenance fields

New BINT MO1 Milliohm Meter is a microprocessed professional instrument that combines good performances with the advantages of compact dimension and low price: easy to use, with high measurements accuracy and protection against operative errors, BINTOHM MO1 is the ideal instrument to be used in all Production and Maintenance Industries, in laboratory such as in operative field, and for educational scopes

BINTOHM MO1 permits measurements of low resistance from 1 m Ω to 400 Ω f.s., with 0,1 m Ω resolution

Measurement readout by means of a large dot matrix lcd display for an easy readability

Battery power supply by means of alkaline AA type batteries, which allows the instrument to be used for a long time; it is also possible to power the appliance with the supplied external charger

Use of instrument is very easy: Autoranging Mode, with automatic choice of the appropriate range or Manual Mode, with slide of four manual ranges

Four terminal measurement technique, to obtain accurate measurements without errors caused by test lead resistance

Offset function to recover the eventual error caused by using two terminal cables

The instrument is equipped with internal protection against possible user errors, like over voltage applied to the clips

BINTOHM MO1 offer a long time reliability and stability of measurements

The instrument is encased in a rugged, high-impact plastic housing

BINT MO1 Milliohm Meter is supplied with four terminal Kelvin test cables, calibration certificate, carrying case and external charger

TECHNICAL CHARACTERISTICS BINTOHM MO1 - MILLIOHM METER

RANGES	RESOLUTION	TEST CURRENT
0,400 Ω	0,1 m Ω	200,0 mA
4,000 Ω	1 m Ω	20,0 mA
40,00 Ω	10 m Ω	2,0 mA
400,0 Ω	100 m Ω	0,2 mA

ACCURACY	0,5 % f.s. +/- 1 digit (10°C a 40°C)
DISPLAY	by means of dot matrix LCD display, alphanumerical indication
RANGE SELECT	autorange - manual
POWER SUPPLY	4 x 1,5V alkaline batteries (AA size) or with supplied external charger
BATTERY LIFE	20 hours minimum continuous operation
INTERNAL PROTECTION	up to 24Vac/dc max temporary
DIMENSION	180 x 100 x 45 mm
WEIGHT	0,450 kg
SUPPLIED ACCESSORIES	four terminal Kelvin test cables with crocodile clips (KB7, open wide 7 mm - cable length 70 cm) (or KB32 kelvin cable, open wide 32 mm – cable length 160 cm), calibration certificate, case, Test Report ISO9000 LAT-Accredia Reference, external charger CH1