

# MOM212B

## Digital Micro Ohm Meter (Battery Operated)

میکرو اهم متر دیجیتال



The complete toolbox for measuring contact resistance in the micro ohm range by applying high current to both ends.

### Features

- Resistance measurement range:  $1\mu\Omega$  to  $160m\Omega$
- Output current: up to 200 A DC
- Output voltage: up to 5 V DC
- Output power: up to 1 KW
- Battery and main line operated
- Portable and heavy-duty case
- Extremely reliable and easy to use
- PC control with MOMSOFT software (Full bilanguage: English and Persian)

### Applications

- Circuit breaker manufacturers
- Repair and maintenance of electrical power plant companies
- Electrical power plant EPC companies
- Electrical power labs
- Big factories e.g. Steel, petrochemicals, refineries, and ...



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# MOM212B Specifications

**Specifications are valid at nominal input voltage and an ambient temperature of +25°C, (77°F).  
Specifications are subject to change without notice.**

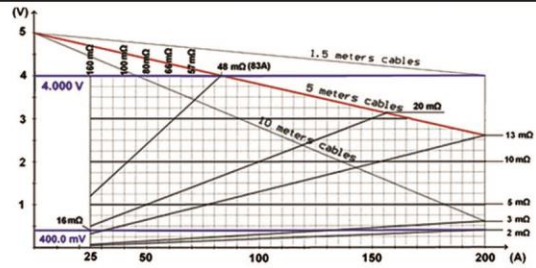
## General

Type	Portable Digital Micro Ohm Meter (Contact Resistance Meter)
Main Voltage	100-240V AC/DC, 50 Hz
Built-in Battery With Automatic Charger	Li-ion, 2 x 11.1V/ 7800 mAh
Battery Run Time	Up to 2000 Tests @ 100A When Battery is Full
Dimensions ( L × W × H )	Basic Unit: 460 x 330 x 120 mm
Weight	10.5 kg

## Measurement

Resistance Measurement Range	1μΩ To 16mΩ (±1 μΩ) 10μΩ To 160mΩ (±10 μΩ)
Output Test Current	30 to 200 A DC
Output Voltage	Up to 5 V DC
Output Power	Up to 1 KW
Accuracy	±1% reading ± 1dgt
Maximum Continuous Test Time	15 Seconds @ 200 A, 25°C Ambient

### Measurement Regarding By Variant Cable Length



Cable=1.5 Meter , I=200A , Max Resistance Measuring=20 mΩ  
 Cable=5 Meter , I=200A , Max Resistance Measuring=13 mΩ  
 Cable=10 Meter , I=200A , Max Resistance Measuring=3 mΩ




## Environment

Operating Temperature	-20 to 55 °C (-4 to 131 °F)
Storage Temperature	-30 to 70 °C (-22 to 158 °F)
Humidity	20% - 95% RH , Non-Condensing

## Miscellaneous

Storage Capacity For Over 500 Ohm Values and 140 Ohm Curves	
Internal Thermal Printer	
USB Interface	
PC Software	

## Accessories

Current Test Lead Set (2 x 7m with Clamps) 	Voltage Test Lead Set (2 x 7m with Clamps) 
Earthing Cable (4m) 	RS232 & Power Cable 
Case Cover 	Cable Bag 

**One Year Warranty, Five Years After Sales Services**