

# MOM400P

# Digital Micro Ohm Meter

## میکرو اہم 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: 1μΩ to 130mΩ
- Output current: up to 400 A DC
- Output voltage: up to 5 V DC
- Output power: up to 1 KW
- Portable and heavy-duty case
- Extremely reliable and easy to use
- PC control with MOMSOFT software

## 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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# MOM400P Specifications

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

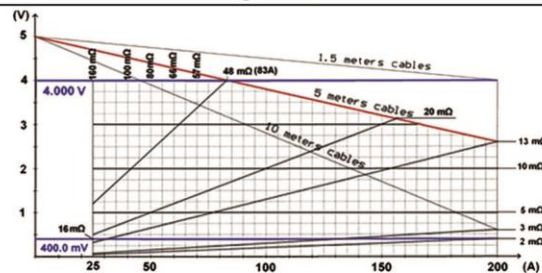
## General

Type	Portable Digital Micro Ohm Meter (Contact Resistance Meter)
Input Power	220 V AC / 50 Hz/ 1.1 KW
Dimensions ( L x W x H )	Basic Unit: 460 x 330 x 120 mm
Weight	10.5 kg
CE Marking (Up to 200 A DC)	EMCD 2014/30/EU

## Measurement

Resistance Measurement Range	1μΩ To 16mΩ (±1 μΩ) 10μΩ To 130mΩ (±10 μΩ)
Output Test Current	30 to 400 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 and RS-232 Interface
PC Software

## Accessories

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

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