

## Megger® Handheld Micro-ohmmeter

**NEW**

- Battery operated
- Auto range: 1  $\mu\Omega$  to 1000 m $\Omega$
- Test current up to 220 Amps
- Safe test – DualGround™
- Stores up to 190 test records
- Bluetooth® PC communication
- Ultra capacitor technology (patent pending)

**MOM2**


The MOM2 Micro-ohmmeter is a lightweight, handheld unit designed to deliver up to 220 Amps and measure the resistance of circuit breaker contacts, bus-bar joints and other high-current links. Measurements are made using the DualGround™ method, where the test object is grounded on both sides throughout the test for a safer, faster and easier workflow. The conventional test method, with one side grounded, is also supported (optional cable kit required).

### SPECIFICATIONS

Application:	High-voltage substations & industrial environments	
Resistance Ranges:	Autorangeing from 0 - 1000 m $\Omega$	
Resolution:	0 - 999 $\mu\Omega$	1 $\mu\Omega$
	1.0 - 9.99 m $\Omega$	0.01 m $\Omega$
	10.0 - 99.9 m $\Omega$	0.1 m $\Omega$
	100 - 1000 m $\Omega$	1 m $\Omega$
Accuracy:	0 - 1999 $\mu\Omega$	$\pm 1$ % of reading $\pm 1$ digit
	2 - 1000 m $\Omega$	$\pm 2$ % of reading $\pm 1$ digit
Pass / Fail:	Settable from 1 $\mu\Omega$ to 1999 m $\Omega$	
Output Current:	Selectable minimum of 50 A or 100 A (100A valid at resistance <2m $\Omega$ )	
Output Voltage:	2.5 V DC max	
Output Duration:	Selectable: 0.1 s, 0.6 s, 3 s	
Recovery Time:	10-130 sec	
Voltage In:	$\pm 3$ V DC	
Trigger In:	Threshold 8 V DC	
DC Power In:	12 - 24 V DC, 2 A max	
Operating Temp.:*	-20°C to +50°C (-4°F to +122°F)	
Relative Humidity:	5%-95%, non condensing	
Battery:	Five AA, 2700 mAh NiMH cells	
Capacity:	Typ. 2200 measurements at 50 A and 0.1 s from fully charged batteries	
Battery Charger:	100-250 V AC, 50/60 Hz, 60 W	
Recharge Time:	< 12 hr; < 3 hr typical at 25°C	
Real-time Clock:	Battery life >10 years	
Audible Feedback:	Different buzzer sounds	
User Presets:	3	
Data Logger:	Label, Timestamp, I max, I min, I Limit, Resistance, Meas. time, P/F limit	
Data Capacity:	190 measurements	
Wireless:	Bluetooth headset & PC communication	
Encapsulation:	IP54	
Dimensions:	8.5"H x 3.6"W x 2.8"D, excl. binding posts (217 x 92 x 72 mm)	
Weight:	1.0 kg (2.2 lbs) instrument only	

\*Battery operation temperature 0°C to +50° (32°F to +122°F)

\*Battery charging temperature +10°C to +40° (50°F to +104°F)

Transport case, charger, rubber holster, carrying strap, belt clip, PC software included.

## Megger® High Current Loop Tester


**LT300**

- Single and 3 phase testing
- 16 Hz to 400 Hz operation
- Simple 2 wire operation
- CAT IV 300V applications
- 0.01 $\Omega$  resolution on 20 $\Omega$  range

The LT300 offers high current loop testing over a wide range of frequencies and supply voltages with simple, fast, two wire operation.

### SPECIFICATIONS

Voltage Measure:	0-550V (400V @ 16 Hz); Accuracy 5% $\pm 2$ V
Frequency:	Supply frequency indicated upon connection (16, 50/60, 400 Hz). Test frequency automatically set
Loop Resistance:	0-19.99 $\Omega$ and 0-199.9 $\Omega$ ; Accuracy 5% $\pm 5$ d
Test Current:	3-27A on 20 $\Omega$ range, 0.3-2.7A on 200 $\Omega$ range
Operating Temp.:	-10°C to 60°C, < 90% RH @ 40°C
Power:	Eight standard AA alkaline batteries
Dimensions:	8"H x 5.8"W x 3"D (203 x 148 x 78 mm)

## Megger® Cable Height Meter


**CHM600**

- Measures the height of up to six overhead cables
- Dramatically reduces measuring time
- No physical connection to cables or wires
- Designed for portability & ease-of-use
- Readout in feet/inches or meters

The CHM Series utilize ultrasonic techniques to determine the height of up to the six overhead cables and wires. The meter displays the height of the lowest cable and the spacings between the next five cables.

### SPECIFICATIONS

Min. Cable Size:	CHM2000: 0.125" @ 7-32 ft, 0.5" @ 35 ft. (@ 68° F)
	CHM600: 0.125" @ 10-32 ft, 0.5" @ 50 ft.
	CHM600E: 0.5" @ 10-50 ft, 1" @ 75 ft.
Resolution:	1/4 in. (5 mm) if < 10 m 1/2 in. (10 mm) if > 10 m
Accuracy:	Typically less than 0.5% error $\pm 2$ digits
Power Source:	9 volt alkaline battery (included)
Operating Temp.:	14° F to 104° F (-10° C to 40° C), reading compensated over the full range
Battery Life:	> 50,000 measurements
Dimensions:	3"H x 4"W x 8.5"D (70 x 100 x 205 mm)

### ORDERING INFORMATION

ME/BD-59090	MOM2 Micro-ohmmeter with 2 x 1.3 m (4 ft) test cables Kelvin probes (one with trig button)
ME/BD-59092	MOM2 Micro-ohmmeter with 1.3 m (4 ft) test cable red & Kelvin clamp 3 m (10 ft) test cable black with Kelvin clamp (Cat #GA-90001)
ME/GA-00384	15 meter Cable Kit
ME/LT300-EN-00	High Current Loop Tester with red/green leads & carry case
ME/LT300-EN-FS	High Current Loop Tester with fused leads & carry case
ME/CHM2000	Telecom Cable Height Meter; 6 lines; 7-35 ft.
ME/659600	CHM600 Power Cable Height Meter, 6 lines; 10-50 ft.
ME/659600E	CHM600E Power Cable Height Meter, 6 lines; 10-75 ft.