

**NEW**  
Current Clamp

## MD 9225 Most Complete Industrial TRMS AC/DC Current Clamp Meter



The MD 9225 is a versatile current clamp meter with perfect combination of size and built-in functions. It measures AC/DC current and voltage, capacitance, temperature, full range resistance and captures in-rush current. Display with large easy-to-read figures and one-handed operation make MD 9225 an extremely easy-to-use. This compact instrument combines a high level of functionality, small size and portability. All built-in features make MD 9225 a perfect tool for advanced applications.

### MEASURING FUNCTIONS:

- TRMS AC, DC voltage measurement;
- TRMS AC, DC current measurement;
- Capacitance measurement;
- Resistance measurement;
- Diode test;
- Frequency measurement;
- Continuity test (acoustic signaling);
- Temperature measurement.

### KEY FEATURES:

- **Clamp on + Full Multimeter ranges:** measures current up to 400 A AC/DC.
- **Jaw size:** 26 mm.
- **In-rush:** fast 30ms Crest-MAX mode to capture in-rush currents.
- **Temperature:** measures temperature in Celsius up to 537 °C and in Fahrenheit up to 999 °F.
- **Transient protection:** it protects user in case of lightning strike or switching surge up to 6.5 kV.
- **High resolution:** 4000 counts enable fast measurements.
- **Relative zero mode:** relative function for comparing the difference between signals or removing background noise.
- **Hold:** data hold function freezes the display for later view.
- **Safe:** CAT IV / 300 V, CAT III / 600 V overvoltage protection.

### APPLICATION:

- Solar and wind power system testing;
- UPS system testing;
- Utility scale battery system testing;
- Working in small enclosures.

## Technical specifications

Function	Range	Accuracy
DC Voltage	400.0 mV...600 V	From $\pm(0.3\%$ of reading + 3 digits) to $\pm(1.0\%$ of reading + 4 digits)
AC Voltage (50 Hz ~ 500 Hz)	4.000 V...600 V	From $\pm(1.0\%$ of reading + 4 digits) to $\pm(2.0\%$ of reading + 4 digits)
DC Current	0.0 A...400.0 A	From $\pm(1.0\%$ of reading + 4 digits) to $\pm(2.5\%$ of reading + 5 digits)
AC Current (40 Hz ~ 400 Hz)	0 A...400 A	From $\pm(1.0\%$ of reading + 6 digits) to $\pm(2.5\%$ of reading + 5 digits)
Diode Test	Open-circuit voltage < 1.6 V DC, Test current 0.4 mA	
Resistance	400.0 $\Omega$ ... 40.00 M $\Omega$	From $\pm(0.8\%$ of reading + 6 digits) to $\pm(2.0\%$ of reading + 4 digits)
Capacitance	500.0 nF...3000 $\mu$ F	$\pm(3.5\%$ of reading + 6 digits)
Temperature	-20 °C...537 °C	From $\pm(2.0\%$ of reading + 3 digits) to $\pm(3.0\%$ of reading + 3 digits)
	-4 °F...1000 °F	From $\pm(2.0\%$ of reading + 6 digits) to $\pm(3.0\%$ of reading + 6 digits)
Mains frequency	5 Hz...100kHz	$\pm(0.5\%$ of reading + 4 digits)
Power supply	2 x 1.5 V batteries, type AAA	
Overvoltage category	CAT IV / 300 V, CAT III / 600 V	
Dimensions	188 x 63 x 40 mm	
Weight	218 g	

## Ordering information

Standard set

MD 9225



- Current clamp MD 9225
- Test lead with probe, 2 pcs
- Thermocouple probe, type K
- Pouch
- 1.5 V battery, type AAA, 2 pcs
- Instruction manual
- Warranty



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Note! Photographs in this catalogue may slightly differ from the instruments at the time of delivery. Subject to technical change without notice.