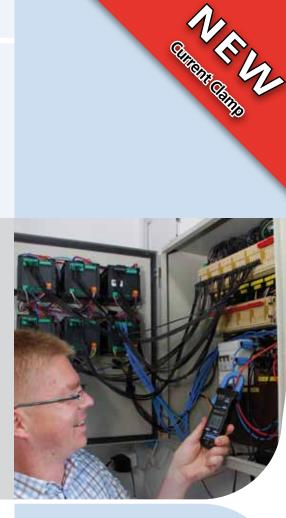
## MD 9225 Most Complete Industrial TRMS AC/DC Current Clamp Meter





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 mV600 V  | From $\pm$ (0.3% of reading + 3 digits)<br>to $\pm$ (1.0% of reading + 4 digits) |
| AC Voltage<br>(50 Hz ~ 500 Hz) | 4.000 V600 V   | From $\pm(1.0\%$ of reading + 4 digits)<br>to $\pm(2.0\%$ of reading + 4 digits) |
| DC Current                     | 0.0 A400.0 A   | From $\pm(1.0\%$ of reading + 4 digits)<br>to $\pm(2.5\%$ of reading + 5 digits) |
| AC Current<br>(40 Hz ~ 400 Hz) | 0 A400 A   | From $\pm(1.0\%$ of reading + 6 digits)<br>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 Ω 40.00 MΩ                                     | From $\pm$ (0.8% of reading + 6 digits)<br>to $\pm$ (2.0% of reading + 4 digits) |
| Capacitance                    | 500.0 nF3000 μF                                      | ±(3.5% of reading + 6 digits)  |
| Temperature                    | -20 °C537 °C   | From $\pm$ (2.0% of reading + 3 digits)<br>to $\pm$ (3.0% of reading + 3 digits) |
|                                | -4 °F1000 °F   | From $\pm$ (2.0% of reading + 6 digits)<br>to $\pm$ (3.0% of reading + 6 digits) |
| Mains frequency                | 5 Hz100kHz   | ±(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  |  |



- 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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