

NEW
Current Clamp

MD 9235 TRMS Power Clamp Meter, 3-Phase, Unbalanced-Load



The MD 9235 is a Slim-Jaw current clamp meter with ability to measure 3-Phase Unbalanced-Load + kWhr recording. The MD 9235 enables TRMS AC current measurement up to 600 A, single and 3-phase power analysis, total power factor and resistance measurement. Display with large easy-to-read figures and one-handed operation make MD 9235 an extremely easy-to-use. This compact instrument combines a high level of functionality, small size and portability. All built-in features make MD 9235 a perfect tool for advanced Power applications.

MEASURING FUNCTIONS:

- TRMS AC, DC voltage measurement;
- TRMS AC current measurement;
- Resistance measurement;
- Frequency measurement;
- Continuity test (acoustic signaling);
- Power parameters measurement.

KEY FEATURES:

- **Slim-Jaws:** ultra-slim jaws to access tight places.
- **TRMS:** accurate measurements on sinusoidal and non-sinusoidal signals.
- **kWhr:** Kilo-Watt-Hour recording function (with memory recal).
- **Peak Hold:** peak hold feature displays maximum RMS value of surge voltage or current.
- **Jaw size:** 26 mm.
- **Transient protection:** it protects user in case of lightning strike or switching surge up to 6.5 Kv.
- **PC Link:** test results can be downloaded to the computer via the optional PC software.
- **Hold:** data hold function freezes the display for later view.
- **Safe:** CAT IV / 300 V, CAT III / 600 V overvoltage protection.

APPLICATION:

- System maintenance;
- Power system checking;
- High level industrial testing;
- High level electrical testing.

Technical specifications

Function	Range	Accuracy
DC Voltage	600.0 V	$\pm(0.5\%$ of reading + 5 digits)
AC Voltage (50 Hz ~ 3.1 kHz)	600.0 V	From $\pm(0.5\%$ of reading + 5 digits) to $\pm(2.5\%$ of reading + 5 digits)
AC Current (40 Hz ~ 3.1 kHz)	40.00 A...600 A	From $\pm(1.0\%$ of reading + 5 digits) to $\pm(3.0\%$ of reading + 5 digits)
Resistance	999.9 Ω	$\pm(1.0\%$ of reading + 6 digits)
Apparent power	0 kVA...600.0 kVA	$\pm(2.0\%$ of reading + 6 digits), H 1./10.
		$\pm(3.5\%$ of reading + 6 digits), H 11./46.
		$\pm(5.5\%$ of reading + 6 digits), H 46./51.
Active power, reactive power	0 kVA...600.0 kW, kVar	From $\pm(2.0\%$ of reading + 6 digits) to $\pm(10.0\%$ of reading + 6 digits), H 1./10.
		From $\pm(3.5\%$ of reading + 6 digits) to $\pm(10.0\%$ of reading + 6 digits), H 11./25.
		From $\pm(4.5\%$ of reading + 6 digits) to $\pm(15.0\%$ of reading + 6 digits), H 26./45.
		From $\pm(10.0\%$ of reading + 6 digits) to $\pm(15.0\%$ of reading + 6 digits), H 46./51.
Power factor (PF)	0.10...0.99	$\pm(3$ digits), H 1./21.
		$\pm(5$ digits), H 22./51.
Mains frequency	5 Hz...500 Hz	$\pm(0.5\%$ 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	189 x 78 x 40 mm	
Weight	192 g	

Ordering information

Standard set

MD 9235



- Current clamp MD 9235
- Test lead with probe, 2 pcs
- Pouch
- 1.5 V battery, type AAA, 2 pcs
- Instruction manual
- Warranty



Measuring and Regulation Equipment Manufacturer

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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.