

Digital Clamp Meters

Precalibrated and ready to use!



Access difficult testing areas with the 30 mm (1³/₁₆ in.) jaw opening

Reliably detect and measure the power quality running to your equipment to quickly find hidden issues. These meters feature durable, double-molded plastic housing and jaw.

400 A AC Clamp Meters (20250-56)

- Diode testing, continuity check with a buzzer sound at 50 Ω , and a measurement rate of 2 readings per second
- Built-in non-contact AC voltage detector
- CAT III-1000 V safety rating
- Improved measurement ease with data hold function
- Measures DC current and capacitance, and features a peak hold function that captures the peak AC current voltage reading

1000 A AC Clamp Meters (20250-57 and 20250-58)

- Improve accuracy with True RMS check for load current and AC voltage, as well as continuity of contacts, fuses, circuits, and switches
- See power variations on analog bar graph display
- CAT III-600 V safety rating
- Model 20250-58 also features DC current measurements and True RMS for more accurate current readings

FEATURES

- Reliable measurements
- Precalibrated to NIST-traceable standards
- Large backlit display provides easy-to-read measurements
- Autorange feature automatically selects optimal measuring range
- Low-battery indicator alerts for when it is time for a fresh battery

APPLICATIONS

- Electrical
- Industrial
- Laboratory
- HVAC
- R & D

USA	+1.800.323.4340
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Canada	+1.800.363.5900
India	+1.800.266.1244
China	+86.21.5109.9909

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Italy	+39.02.84349215
All others	+1.847.549.7600

Cole-Parmer®
coleparmer.com

*Enquiries from Germany and France are handled by native speaking experts.

Specifications

Description	400 A AC/DC Clamp Meter	1000 A AC Clamp Meter	1000 A AC/DC Clamp Meter
Item Number	20250-56	20250-57	20250-58
AC Current	400 A (True RMS)	1000 A	1000 A (True RMS)
DC Current	400 A	—	1000 A
AC Voltage (True RMS)	600 V	750 V	750 V
DC Voltage	600 V	1000 V	800 V
Resistance	40 MΩ	60 MΩ	60 MΩ
Capacitance	4 mF	4000 μF	100 μF
Frequency	100 kHz	10 MHz	10 MHz
Duty Cycle	—	Yes	Yes
Continuity	Yes, audible	Yes, audible	Yes, audible
Diode	Yes	Yes	Yes
Temperature (Type K thermocouple)	-20 to 760 °C (-4 to 1400 °F)	—	-20 to 1000 °C (-4 to 1832 °F)
Display	4000-count LCD	6000-count LCD, with backlight and analog bar graph	
Dimensions	19.7 x 7.0 x 4.0 cm (7¾ x 2¾ x 1⅞ in.)	22.6 x 8.0 x 4.3 cm (8⅞ x 3⅜ x 1⅞ in.)	
Power	One 9 V battery (included)		
Includes	Test leads, temperature probe, carrying case, 9 V battery) and NIST-traceable calibration report* supplied by InnoCal®.	Test leads, temperature probe (models 20250-58), carrying case, 9 V battery) and NIST-traceable calibration report* supplied by InnoCal®.	
Warranty	2 years	2 years	2 years

* Calibration certificate provided by InnoCal, an ISO 17025 accredited laboratory (A2LA certificate 1746.01) offering a broad range of NIST-traceable calibration services.

Ordering Information

Description	Item Number
400 A AC/DC Precalibrated Clamp Meter with NIST-Traceable Calibration	20250-56
1000A AC Clamp Meter with NIST-Traceable Calibration	20250-57
1000A AC/DC Clamp Meter with NIST-Traceable Calibration	20250-58