

Digital MultiMeter (DMM) Index Guide

Pick the right Clamp Meter for your application



MN Series
Compact and affordable Digital MultiMeters with choice of Manual Ranging or Autoranging models. Perfect for DIYers, students, hobbyists, mechanics and technicians.
p. 16



EX300 Series
Mini Digital DMMs with built-in Non-contact Voltage Detector and numerous electrical functions and temperature.
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EX350 Series
These professional True RMS DMMs are loaded with advanced features and functions. Low Impedance (LoZ) mode eliminates false readings caused by ghost voltages. Low Pass Filter (LPF) attenuates high frequencies to reduce noise for accurate readings.
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EX360 Series
Professional CAT IV True RMS MultiMeters designed for Electrical, HVAC, or Industrial Applications. Advanced LoZ feature eliminates false readings caused by ghost voltages. CAT IV safety rating ensures the highest level of protection.
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EX400 Series
Professional Full Size Series Digital MultiMeters. Features include Large Digits, True RMS or Averaging, and Type K and/or built-in IR Thermometer.
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EX500 Series
Industrial Series Digital DMMs are accurate and rugged. Waterproof, dustproof, drop tested to 2m (6.5"), and CAT IV safety rated for higher voltage applications. Wireless datalogging model or built-in IR Thermometer.
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MG300 Series
Combines a 1000V Insulation Resistance Tester with a True RMS CAT-IV Digital MultiMeter plus wireless connectivity to a PC for safer monitoring, data recording and diagnostics.
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Look for this symbol: **N** indicating products that are available with optional calibration traceable to NIST. See complete listing on p. 160-165.

EX300 Series Mini Digital MultiMeters + Voltage Detector



Integrated Non-contact Voltage Detector for quickly checking the presence of live wires before testing.

Combination MultiMeter with non-contact AC Voltage Detector

- Built-in non-contact AC Voltage Detector with red LED indicator and audible beeper
- Large 1" digits makes display easy to read
- Dimensions: 5.7x2.9x1.6" (147x76x42mm); Weight: 9oz (260g)
- 1 year warranty
- Complete with stand, test leads, protective holster, batteries, general purpose Type K bead wire temperature probe (EX330 only)

Model EX310 (Manual Ranging)

- Battery test 1.5V and 9V

Model EX320 (Autoranging)

- Max Hold, Data Hold, and Auto Power Off

Model EX330 (Autoranging)

- Data Hold and Auto Power Off
- Advanced functions include Type K Temperature, Capacitance, and Frequency

SPECIFICATIONS	EX310	EX320	EX330
Display Counts	2000 counts	2000 counts	4000 counts
Basic Accuracy	0.50%	0.50%	0.50%
NCV Detector	100 to 600VAC	100 to 600VAC	100 to 600VAC
DC Voltage	0.1mV to 600V	0.1mV to 600V	0.1mV to 600V
AC Voltage	0.1V to 600V	0.1mV to 600V	0.1mV to 600V
DC/AC Current	0.1mA to 10A	0.1µA to 10A	0.1µA to 10A
Resistance	0.1Ω to 2000kΩ	0.1Ω to 20MΩ	0.1Ω to 40MΩ
Capacitance	—	—	0.001nF to 200µF
Frequency	—	—	0.001Hz to 10MHz
Temperature	—	—	-4 to 1382°F (-20 to 750°C)
Duty Cycle	—	—	0.1 to 99.9%
Diode/Continuity	Yes	Yes	Yes
Category Rating	CAT III-600V, CAT II-1000V	CAT III-600V, CAT II-1000V	CAT III-600V, CAT II-1000V

ORDERING

EX310 N	Manual Ranging 9 Function Mini MultiMeter + Non-Contact Voltage Detector
EX320 N	Autoranging 8 Function Mini MultiMeter + Non-Contact Voltage Detector
EX330 N	Autoranging 12 Function Mini MultiMeter + Non-Contact Voltage Detector
409996	Vinyl soft case
TP873	Replacement Bead wire Temperature Probe (-22 to 572°F/-30 to 300°C)
TL803	Replacement Test Leads



N Indicates products that are available with optional calibration traceable to **NIST**. See page 160 for a complete listing.