

Digital Multimeter (DMM) Index Guide

Pick the right Multimeter 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. 13



EX300 Series
Mini Digital DMMs with built-in Non-Contact Voltage Detector and numerous electrical functions and temperature.
p. 6



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.
p. 7



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.
p. 8



EX400A Series
Professional Full Size Series Digital Multimeters. Features include Large Digits, True RMS or Averaging, and Type K and/or built-in IR Thermometer.
p. 9



EX500 Series
Industrial Series Digital DMMs are accurate and rugged. Waterproof, dustproof, drop tested to 2 m (6.5'), and CAT IV safety rated for higher voltage applications. Wireless datalogging model or built-in IR Thermometer.
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MG320 Series
Combines a 1000 V Insulation Resistance Tester with Resistance range up to 200 GΩ and a fully-loaded True RMS CAT IV Digital Multimeter.
p. 12

Look for this symbol: **N** indicating products that are available with optional calibration traceable to NIST. See complete listing on p. 146-167.

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
- CAT III-600 V, CAT II-1000 V safety rating
- 2-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 1.5 V and 9 V

Model EX330 (Autoranging)

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

SPECIFICATIONS	EX310 (MANUAL RANGING)	EX330 (AUTORANGING)
Display Count	2000	4000
Basic Accuracy	0.50%	0.50%
NCV Detector	100 to 600 V AC	100 to 600 VAC
DC Voltage	0.1 mV to 600 V	0.1 mV to 600 V
AC Voltage	0.1 V to 600 V	0.1 mV to 600 V
DC/AC Current	0.1 mA to 10 A	0.1 μA to 10 A
Resistance	0.1 Ω to 2000 kΩ	0.1 Ω to 40 MΩ
Capacitance	—	0.001 nF to 200 μF
Frequency	—	0.001 Hz to 10 MHz
Temperature	—	-4 to 1382°F (-20 to 750°C)
Duty Cycle	—	0.1 to 99.9%
Diode/Continuity	Yes	Yes
Dimensions	5.7x2.9x1.6" (147x76x42 mm)	5.7x2.9x1.6" (147x76x42 mm)
Weight	9 oz (260 g)	9 oz (260 g)

ORDERING

EX310 N	Manual Ranging 9 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 pages 146-147 for a complete listing.

EX350 Series True RMS Multimeters with LPF and LoZ



EX355
with Temperature

Professional meters loaded with advanced features and functions including Low Pass Filter (LPF) and Low Impedance (LoZ)

- True RMS for accurate AC measurements
- 0.5% basic accuracy
- Low Pass Filter (LPF) for accurate measurement of variable frequency drive signals
- LoZ prevents false readings caused by ghost voltages
- Built-in Non-Contact AC Voltage Detector (NCV) with LED indicator
- Data Hold freezes the reading on the display
- Min/Max/Max-Min captures highest and lowest readings and the difference between them
- Relative Mode for Capacitance Zero and offset adjustment
- Continuity and Diode Test
- Auto Power Off conserves battery life
- CAT III-600 V safety rating
- 3-year warranty

Model EX350

- 4000 count backlit LCD display
- Complete with test leads and two AA batteries

Model EX355

- 6000 count backlit LCD display
- Type K Temperature
- Complete with test leads, two AA batteries, and general purpose bead wire temperature probe



Low Pass Filter (LPF) ensures accurate AC Voltage measurements on a variable frequency drive.



Verify Temperature output on HVAC units using Model EX355

SPECIFICATIONS	EX350	EX355
Display Count	4000	6000
Basic DCV Accuracy	±0.5%	±0.5%
NCV Detector	Yes	Yes
DC/AC Voltage	0.01 mV to 600 V	0.01 mV to 600 V
DC/AC Current	0.1 µA to 10.00 A	0.1 µA to 10.00 A
Resistance	0.1 Ω to 40.00 MΩ	0.1 Ω to 60.00 MΩ
Capacitance	1 pF to 60.00 mF	1 pF to 60.00 mF
Frequency	0.001 Hz to 10 MHz	0.001 Hz to 10 MHz
Temperature (Type K)	—	-40 to 1832°F (-40 to 1000°C)
Duty Cycle	0.1 to 99.9%	0.1 to 99.9%
Diode Test	3.2 V	3.2 V
Continuity	Audible	Audible
Dimensions/ Weight	6.7x3.2x1.9" (175x81x48.5 mm)/13.1 oz (370 g)	

ORDERING

EX350 N	True RMS Multimeter + NCV
EX355 N	True RMS Multimeter + NCV + Temperature
TL810	Electrical Test Lead Kit
TL803	Standard Test Leads
TP200	Type K Clamp Probe (212°F/100°C)



Calibration Traceable to NIST
A NIST traceable certificate with data is available when you order your meter with Certificate Traceable to NIST. Look for this symbol **N** next to product part numbers.

EX360 Series CAT IV True RMS Multimeters + NCV + LoZ



Model EX360
Electrical DMM

Model EX363
HVAC DMM

Model EX365
Industrial DMM



Includes test leads, 9 V battery, holster with tilt stand and built-in magnet, and general purpose bead wire temperature probe (Model EX363)

Choose a CAT IV-600 V multimeter designed for Electrical, HVAC, or Industrial Applications with LoZ function for accurate Voltage readings

- True RMS for accurate AC measurements
- LoZ prevents false readings caused by ghost voltages
- Built-in Non-contact AC Voltage Detector (NCV) with LED indicator
- Smart Data Hold freezes the displayed reading and automatically updates the reading and alerts user (audibly and visually) if the measurement changes ± 50 counts
- Large white LED backlit display with 60-segment analog bargraph for viewing trends
- Peak Hold captures the highest reading
- Relative Mode for Capacitance Zero and offset adjustment
- Continuity beeper with visual alert; Auto Power off with disable
- CAT IV-600 V safety rating
- 2-year warranty

Model EX360 — for Electrical applications

- Frequency and Capacitance measurement

Model EX363 — for HVAC applications

- μ A function for HVAC flame rod measurements
- Type K Temperature
- Frequency and Capacitance measurement

Model EX365 — for Industrial/Commercial applications

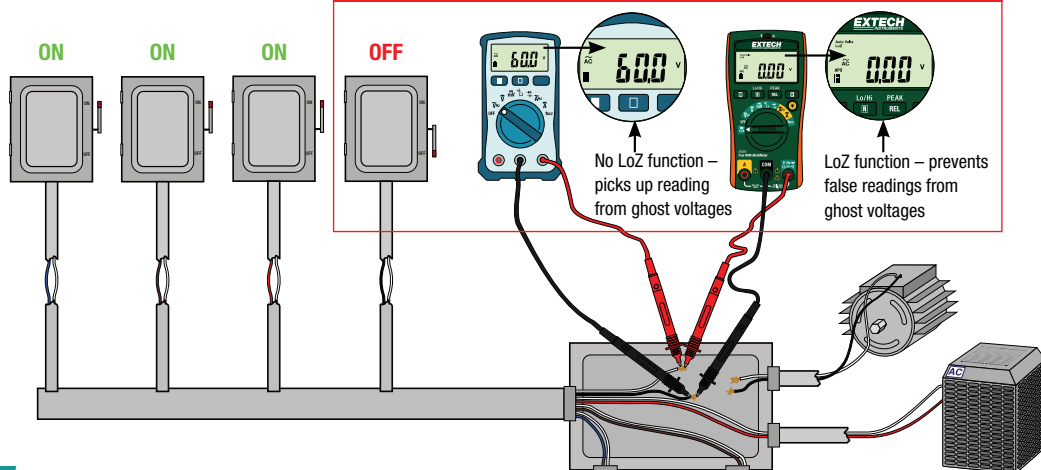
- 10 A AC/DC Current measurement with 11 A/1000 V high energy fuse
- Frequency and Capacitance measurement

SPECIFICATIONS	EX360	EX363	EX365
Display Count	6000	6000	6000
Basic Accuracy (DCV)	0.5%	0.5%	0.5%
NCV Detector	Yes	Yes	Yes
DC/AC Voltage	0.1 mV to 1000 V	0.1 mV to 1000 V	0.1 mV to 1000 V
DC/AC Current	—	—	1 mA to 10 A
DC/AC μ A Current	—	600 μ A	—
Resistance	0.1 Ω to 40 M Ω	0.1 Ω to 40 M Ω	0.1 Ω to 40 M Ω
Capacitance	1 nF to 10 mF	1 nF to 10 mF	1 nF to 10 mF
Frequency	0.01 Hz to 100 kHz	0.01 Hz to 100 kHz	0.01 Hz to 100 kHz
Temperature (Type K)	—	-40 to 742°F (-40 to 394°C)	—
Diode Test/Continuity	Yes	Yes	Yes
Dimensions/ Weight	6.5x3.2x1.7" (164x82x44 mm)/5.9 oz (450 g)		

ORDERING

EX360 N	Electrical CAT IV True RMS Multimeter + NCV
EX363 N	HVAC CAT IV True RMS Multimeter + NCV
EX365 N	Industrial CAT IV True RMS Multimeter + NCV

Benefits of LoZ Function



EX400A Series Professional Multimeters



EX410A

EX430A

EX470A
DMM+IR Thermometer



Built-in non-contact IR Thermometer allows you to safely perform non-contact temperature scans.



Models with or without the built-in Infrared Thermometer, auto or manual ranging, True RMS or averaging

- Large backlit LCD display with easy-to-read 1" digits
- Type K thermometer built-in for temperature measurements
- Low current capability: measure down to 0.1 μ A
- Input fuse protection and mis-connection warnings
- CAT III-600 V safety rating
- Complete with CAT III test leads, multi-position tilt stand and velcro strap for hanging, protective holster with test lead holder, bead wire temperature probe, and 9 V battery

Model EX410A (Manual Ranging)

- Averaging multimeter
- 2-year warranty

Model EX430A (Autoranging)

- True RMS for accurate AC measurements
- Relative function
- 3-year warranty

Model EX470A (Autoranging)

- Built-in non-contact Infrared (IR) Thermometer
- True RMS for accurate AC measurements
- Relative function
- 3-year warranty

SPECIFICATIONS	EX410A	EX430A	EX470A
Display Count	2000	4000	4000
Temperature (IR)	—	—	58 to 518°F (-50 to 270°C)
Averaging/True RMS	Averaging	True RMS	True RMS
Basic Accuracy (VDC)	$\pm 0.5\%$	$\pm 0.3\%$	$\pm 0.3\%$
AC Voltage	1 mV to 600 V	0.1 mV to 600 V	0.1 mV to 600 V
DC Voltage	0.1 mV to 600 V	0.1 mV to 600 V	0.1 mV to 600 V
AC Current	0.1 μ A to 10 A	0.1 μ A to 10 A	0.1 μ A to 10 A
DC Current	0.1 μ A to 10 A	0.1 μ A to 10 A	0.1 μ A to 10 A
Resistance	0.1 Ω to 20 M Ω	0.1 Ω to 40 M Ω	0.1 Ω to 40 M Ω
Capacitance	—	0.01nF to 100 μ F	0.01 nF to 100 μ F
Frequency	—	0.001 Hz to 10 MHz	0.001 Hz to 10 MHz
Temperature (Type K)	-4 to 1382°F (-20 to 750°C)	-4 to 1382°F (-20 to 750°C)	-4 to 1382°F (-20 to 750°C)
Duty Cycle	—	0.1% to 99.9%	0.1% to 99.9%
Diode Test/Continuity	Yes	Yes	Yes
Dimensions/ Weight	7.4x3.2x2" (187x81x50 mm)/0.75 lbs (342 g)		

ORDERING

EX410A	N	Manual Ranging Multimeter
EX430A	N	True RMS Autoranging Multimeter
EX470A	N	True RMS Autoranging Multimeter + IR Thermometer
TL810		Electrical Test Lead Kit
TL803		Standard Test Leads
TP200		Type K Clamp Probe (212°F/100°C)
HG500		Magnetic Hanging Strap



Extech-exclusive Meters with Built-in IR Thermometer!

Our innovative design incorporates a built-in IR Thermometer. Look for the built-in IR Thermometer logo throughout this catalog.



Multimeters

Clamp Meters

Psychrometers

Humidity Meters

Moisture Meters

Tachometers

Air Flow Meters

EX500 CAT IV Heavy Duty True RMS Multimeters



EX505

EX520

EX530



Complete with double molded test leads, magnetic hanging strap, general purpose Type K bead wire temperature probe, soft case, and one 9 V battery



www.extech.com/video



Waterproof (IP67) rugged double molded design for heavy duty application use

Waterproof (IP67)/drop proof (6.5 ft/2 m) rugged design for heavy duty use

- True RMS for accurate AC measurements
- 1000 V input protection on all functions
- Dual sensitivity frequency functions; Diode open circuit voltage of 2.8 V DC
- Auto Power Off with disable feature
- CAT IV-600 V safety rating
- 3-year warranty

Model EX505

- 4,000 count backlit LCD
- 0.5% basic accuracy
- Data Hold, Relative, and 10 A max Current

Model EX520

- 6000 count—high resolution backlit LCD
- 0.09% basic accuracy
- Min/Max, Data Hold, Relative, and 20 A max Current

Model EX530

- 40,000 count—highest resolution backlit LCD
- 0.06% basic accuracy
- Min/Max, Data Hold, Relative, 20 A max Current, and Peak Hold (AC only)

SPECIFICATIONS	EX505	EX520	EX530
Basic Accuracy	±0.5%	±0.09%	±0.06%
DC Voltage	0.1 mV to 1000 V DC	0.1 mV to 1000 V DC	0.01 mV to 1000 V DC
AC Voltage	0.1 mV to 1000 V AC	1 mV to 1000 V AC	0.01 mV to 1000 V AC
DC/AC Current	0.1 µA to 10 A	0.1 µA to 20 A	0.01 µA to 20 A
Resistance	0.1 Ω to 40 MΩ	0.1 Ω to 40 MΩ	0.01 Ω to 40 MΩ
Capacitance	0.01 nF to 100 µF	0.01 nF to 1000 µF	0.001 nF to 40 mF
Frequency (electrical)	5 Hz to 1 kHz	10 Hz to 400 Hz	40 Hz to 400 Hz
Frequency (electronic)	0.001 Hz to 10 MHz	0.001 Hz to 40 MHz	0.001 Hz to 100 MHz
Temperature (Type K)	-4 to 1382°F/-20 to 750°C	-4 to 1382°F/-20 to 750°C	-4 to 1382°F/-20 to 750°C
Duty Cycle	0.1 to 99.9%	0.1 to 99.9%	0.1 to 99.9%
Diode/Continuity	Yes/Audible	Yes/Audible	Yes/Audible
Dimensions/Weight	7.25x3.25x2.25" (184x83x57 mm)/12.3 oz (349 g)		

ORDERING

EX505	N	True RMS Industrial Multimeter (4000 count)
EX520	N	True RMS Industrial Multimeter (6000 count)
EX530	N	True RMS Industrial Multimeter (40,000 count)
TL810		Electrical Test Lead Kit
TL805		Double Injected Test Leads
HG500		Magnetic Hanging Strap

EX505-K Heavy Duty Industrial Multimeter Kit



CAT IV Multimeter and AC Voltage Detector With 8 piece test lead kit

- Kit includes EX505 True RMS waterproof (IP67)/drop-proof Multimeter, DV25 Dual Range Non-contact AC Voltage Detector + Flashlight, TL808 8-piece Professional Test Lead Kit, plus professional double-molded test leads, Type K thermocouple bead probe with banana input adaptor, and magnetic hanging strap
- Supplied in a soft carrying case that provides protection and organization for the meters and accessories
- Dimensions: 9.8x8x2" (248x203x51 mm); Weight: 1.2 lbs (544 g)

Model EX505: Industrial grade, CAT IV-600 V, 4000 count display, waterproof (IP67), CE/UL listed, drop-proof, rugged multimeter with True RMS functions (see p. 10)

Model DV25: Dual Range Non-Contact Voltage (NCV) Detector (24 to 1000 V AC/100 to 1000 V AC) + Flashlight with Audible/ Visual indication, and double-molded housing CAT IV-1000 V, CE/UL (see p. 28)

Model TL808: 8-Piece Professional Test Lead Kit with CAT III-1000 V rating

ORDERING (VISIT WWW.EXTECH.COM FOR PRODUCT SPECIFICATIONS)

EX505-K	Heavy Duty Industrial Multimeter Kit
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N Indicates products that are available with optional calibration traceable to **NIST**. See pages 146-147 for a complete listing.

MM750W Wireless Datalogging CAT IV True RMS Multimeter



NEW



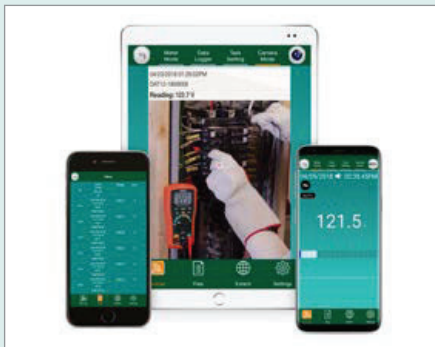
Using the **Wireless connectivity feature, Bluetooth® datalogging module, and free app, you can transmit readings right to your iOS® or Android™ devices**

Multimeter Features

- Wireless DMM function with Bluetooth Datalogging Module transmits readings to iOS and Android devices for remote viewing using the free app
- True RMS for accurate AC measurements
- Type K Temperature function
- Large backlit LCD display
- ±0.6% basic DCV accuracy
- Built-in Non-Contact AC Voltage Detector (NCV)
- AC μ A function ideal for HVAC flame rod current measurement
- External clamp adapter input (1 mV=1 A; 600 A AC/DC max)
- MIN/MAX/DIF captures highest & lowest readings and the difference between them
- Relative Mode for Capacitance Zero and offset adjustment
- Data Hold freezes the reading on the display
- Auto Power Off with disable and low battery indicator
- CAT IV-600 V, CAT III-1000 V safety category
- 2 year warranty
- Complete with test leads, general purpose Type K bead wire temperature probe, Wireless Datalogging Module (DAT12), 9 V battery, and soft case

Wireless Datalogging Features

- Bluetooth Datalogging Module (DAT12) can record over 15k readings and transmit them to a smart device
- Free ExView® W-Series App, provides Wireless Data Streaming with real-time remote viewing of readings
- Adjustable sample rate and file size support most application needs
- Record data directly to phone or tablet
- Programmable High/Low audible alarms
- Export data in Excel® format
- Share data files and snapshots directly from application
- Take snapshots of the measurement area with your connected smart phone or tablet camera to capture measurement-related images and to document date/time stamps and measurement data



Using the wireless feature, Bluetooth® Datalogging Module, and the free ExView® W-Series App, you can transmit readings in real-time to your smart devices, store over 15k readings for wireless transfer to generate a report/data analysis, add notes and readings to photos taken from your smart device camera, and use your smart device as a 2nd display for easy viewing or sharing.

Download the Extech ExView™ W-Series App available on App Store or Google Play. NOTE: iOS/Android device not included.

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SPECIFICATIONS	RANGE	MAX RESOLUTION	BASIC ACCURACY
Display Count	6000		
Non-Contact Voltage (NCV)	>100 V AC		
AC Voltage	0.1 mV to 1000 V	0.1 mV	±0.6% of rdg ±3 digits
DC Voltage	0.1 mV to 1000 V	0.1 mV	±0.6% of rdg ±2 digits
AC Current	0.1 μ A to 10.00 A	0.1 μ A	±0.15% of rdg ±5 digits
DC Current	0.1 μ A to 10.00 A	0.1 μ A	±0.12% of rdg ±5 digits
AC μ A Current	0.1 μ A to 6000 μ A	0.1 μ A	±0.15% of rdg ±5 digits
DC μ A Current	0.1 μ A to 6000 μ A	0.1 μ A	±0.12% of rdg ±5 digits
Resistance	0.1 Ω to 60.00 M Ω	0.1 Ω	±0.6% of rdg ±2 digits
Capacitance	9.999 nF to 99.99 mF	0.001 nF	±5% of rdg ±5 digits
Frequency	9.999 Hz to 55.00 MHz	0.001 MHz	±1.5% of rdg ±3 digits
Temperature (Type K)	-40 to 1832°F (-40 to 1000°C)	1°	±(2%+2°F) / ±(2%+2°C)
Duty Cycle	0.1 to 99.9%	0.10%	±1.2% of rdg ±2 digits
Diode Test	3.000 V	0.001 V	±10% of rdg ±5 digits
Continuity	Audible		
Datalogging (with DAT12)	15,360 data points		
Dimensions/Weight	7.4x3.8x2.2" (188x96x56 mm) / 14.6 oz (415 g) without battery		

ORDERING

MM750W	Wireless Datalogging CAT IV True RMS Multimeter
TL810	Test Lead Kit
TL803	Standard Test Leads
DAT12	Replacement Bluetooth® Wireless Datalogging Module

MG320/MG325 CAT IV Insulation Tester/True RMS Multimeters

NEW



Combines a portable Insulation Tester with a CAT IV True RMS Multimeter

- 5 Test Voltage ranges up to 1000 V
- Polarization Index (PI) and Dielectric Absorption Ratio measurements (DAR)
- Low Resistance measurement with Zero function
- Programmable Timer feature sets the duration of test
- Comparison Mode allows user to set the Pass/Fail values for insulation measurements
- Step Voltage (10% steps at 50% to 120% of range)
- Auto-discharge of voltage test signal
- Lock Power-On function for hands-free operation
- Manually store/recall up to 99 readings
- High voltage and overload indication
- Data Hold to freeze displayed reading
- Auto Power Off and low battery indication
- CAT IV-600 V safety category
- 2-year warranty

Model MG320

- Measures Insulation Resistance to 20 GΩ
- Backlit 6,000 count display with analog bargraph
- Complete with test leads, alligator clip, 6 x AA batteries, and soft case

Model MG325

- Measures Insulation Resistance to 200 GΩ
- Backlit 10,000 count display with analog bargraph
- View the Frequency (45 Hz ~ 400 Hz) of AC Voltage measurements
- Remote probe with built-in TEST button allows for quick on-spot testing
- LED high voltage and LCD overload indication
- Measures Leakage Current, Low Resistance, Capacitance, and Frequency
- Complete with remote probe, test leads, alligator clip, 6 x AA batteries, and soft case

SPECIFICATIONS	MG320	MG325
Insulation Resistance	50 MΩ, 100 MΩ, 200 MΩ, 500 MΩ, 2000 MΩ, 1 GΩ, 10 GΩ, 20 GΩ	50 MΩ, 100 MΩ, 200 MΩ, 500 MΩ, 2000 MΩ, 1 GΩ, 10 GΩ, 20 GΩ, 50 GΩ, 100 GΩ, 200 GΩ
Insulation Test Voltages	50 V, 100 V, 250 V, 500 V, 1000 V	50 V, 100 V, 250 V, 500 V, 1000 V
AC/DC Voltage	600 V	600 V
Leakage Current	—	2000 μA
Resistance	20 kΩ	10 MΩ
Low Resistance	—	100 Ω
Capacitance	—	500 μF
Frequency	—	1 kHz
Continuity	Audible	Audible
Dimensions/ Weight	8.9x4.1x2.3" (225x103x59 mm)/1.5 lbs (0.7 kg)	

ORDERING

MG320	N	CAT IV Insulation Tester/True RMS Multimeter
MG325	N	CAT IV Insulation Tester/ True RMS Multimeter with Remote Test Probe



Checking voltage on a lathe and insulation test on pump motor

DM220 CAT IV Pocket Multimeter + NCV



Includes test leads and two AAA batteries; 2-year warranty

Autoranging DMM with 4000 count LCD display, NCV and built-in Flashlight

- Non-Contact Voltage detection identifies live circuits
- Rugged double molded housing; CAT IV-600 V, CAT III-1000 V safety rating

SPECIFICATIONS	RANGE	MAX RESOLUTION	BASIC ACCURACY (%RDG)
DC/AC Voltage	600 V	0.1 mV DC/1 mV AC	±0.8% DC/±1.5% AC
DC/AC Current	200 mA	0.1 µA	±2.0% DC/±2.5% AC
NC Voltage	100 to 600 VAC		
Resistance	40 MΩ	0.1 Ω	±0.8%
Frequency	10 kHz	0.001 Hz	±2.0%
Capacitance	200 µF	0.001 nF	±5.0%
Duty Cycle	0.5 to 99%	0.5%	±(2.0% reading + 5 digits)
Diode/Continuity	Yes/Audible		
Dimensions/Weight	4.72x2.2x1.6" (120x55x540 mm)/5.12 oz (145 g)		

ORDERING	
DM220	CAT IV Pocket Multimeter + NCV

MN35/MN36 Digital Mini Multimeters



Includes holster with stand, Type K bead wire probe, battery, and test leads; 2-year warranty



Autoranging or Manual ranging multimeters with Temperature function

- Large easy to read digital display
- MN35 (Manual Ranging/ 8 Functions)**
- 1.5 V and 9 V Battery test
- MN36 (Autoranging/ 10 Functions)**
- AC Current, Capacitance and Frequency measurements

SPECIFICATIONS	MN35	BASIC ACCURACY	MN36	BASIC ACCURACY
DC Voltage	600 V (0.1 mV)	±0.5%	600 V (0.1 mV)	±0.5%
AC Voltage	600 V (0.1 V)	±1.2%	600 V (0.1 V)	±1.2%
DC Current	10 A (0.1 mA)	±1.5%	10 A (0.1 µA)	±1.2%
AC Current	—	—	10 A (0.1 µA)	±1.5%
Resistance	20 MΩ (0.1 µΩ)	±0.8%	40 MΩ (0.1 µΩ)	±1.2%
Capacitance	—	—	100 µF (0.001 nF)	±3.0%
Frequency	—	—	5 MHz (0.01 Hz)	±1.0%
Temperature	-4 to 1400°F (1°) -20 to 750°C	±(1%+4°)	-4 to 1400°F (1°) -20 to 750°C	±(1%+4°)
Battery Test	9 V and 1.5 V	—	—	—
Dimensions/Wt	5.43x2.83x1.5" (138x72x38 mm)/5.4 oz (153 g)			

ORDERING	
MN35	Manual Ranging Mini Digital Multimeter
MN36	Autoranging Mini Digital Multimeter

381676A Pen DMM with Non-Contact Voltage Detector



Includes test leads, two alligator clips, two 1.5 V AAA batteries, and soft case

Autoranging multimeter with non-contact voltage detection

- Autoranging with Data Hold, Range Hold, and Maximum Hold features
- CAT III-600 V; Auto power off, overload and low battery indication
- 2-year warranty

SPECIFICATIONS	RANGE	MAX RESOLUTION	BASIC ACCURACY
Non-contact Voltage	>110 V AC		
AC/DC Voltage	200 mV, 2, 20, 200, 600 V	0.1 mV	AC: ±0.8%; DC: 0.7%
AC/DC Current	20 mA, 200 mA	0.01 µA	AC: ±2%; DC: 0.1.5%
Resistance (Ω)	200, 2 k, 20 k, 200 k, 2 M, 20 MΩ	0.1Ω	±0.8%
Logic Test	0 to 1.5 V (Green LED), 1.5 to 3.5 V (LED off), 3.5 to 5 V (Red LED)		
Diode/Continuity	Yes/Audible		
Dimensions/Weight	8.2x1.5x1.1" (208x38x29 mm)/4.6 oz (129 g)		

ORDERING	
381676A	Pen DMM with Non-Contact Voltage Detector