

# Digi-Sense™ Family of Smart Meters with Bluetooth® Connectivity

View, store and share real-time data on your smartphone via our free downloadable apps

Get expanded smart technology at a market-leading price when you select a Digi-Sense Smart Meter with Bluetooth® Connectivity. These innovative meters let you view readings at a safe distance from a hazardous area. All data is transmitted directly from the meter to your Android or iOS mobile device via our free downloadable apps. The readings are automatically stored in the app and can be saved as a CVS file and e-mailed for future reference or analysis to help determine trends and conditions over a long period of time.



## Digi-Sense Professional Dual-Laser Infrared Thermometer

- Internal data logging saves up to 32K IR readings
- Dual-laser sighting to quickly pinpoint target areas
- External type K thermocouple input for contact measurements
- Supplied with type K thermocouple probe, software, tripod, carrying case, battery and NIST-traceable calibration



Description	Professional infrared thermometer with Bluetooth
<b>Catalog number</b>	<b>MW-20250-25</b>
IR temperature range	-58 to 3362°F (-50 to 1850°C)
Thermocouple (T/C) temperature range	-58 to 2498°F (-50 to 1370°C)
Resolution	0.1°F/°C below 1000°, 1°F/°C above 1000°
IR accuracy	From -58 to 68°F: ±5.4°F; from 68 to 932°F: ±1.0% ± 1.8°F; from 932 to 1832°F: ±1.5%; from 1832 to 3362°F: ±2.0%
T/C accuracy	From -58 to 32°F (-50 to 0°C): ±3.6°F (±2°C); from 32 to 2498°F (0 to 1370°C): ±0.5% of reading ±3°F (±1.5°C)
IR Response time	150 ms
Spectral range	8 to 14 μm
Distance-to-sight ratio	50:1
Emissivity	0.1 to 1.0 adjustable
Laser sighting	Dual Class II lasers
Temperature alarms	High, low
Temperature differential	Yes
USB interface	Yes
Memory	Data sets can be stored on an Android™ or iOS® device for virtually unlimited storage
Dimensions (L x W x H)	7½" x 2¼" x 6" (18.9 x 5.7 x 15.2 cm)
Power	One 9 V battery (included)

## Digi-Sense Mini Particle Counter

- Monitors particles, air temperature, and relative humidity
- View measurements clearly on a 2" color TFT LCD
- Tilt stand offers easy hands-free viewing
- Supplied with protective sensor cap and battery



Description	Mini particle counter with Bluetooth	
<b>Catalog number</b>	<b>MW-20250-65</b>	
Particulate size	2.5 μm (PM2.5), 10 μm (PM10)	
Mass concentration	PM2.5: 0 to 2000 ug/m³; PM10: 0 to 2000 ug/m³	
Resolution	1 ug/m³	
Air temperature	Range	32 to 122°F (0 to 50°C)
	Resolution	0.1°F/°C
	Accuracy	±2°F/1°C
Humidity	Range	0 to 100% RH
	Resolution	0.1% RH
	Accuracy	±3.5% RH from 20 to 80% RH; ±5% RH remaining
Memory	Data sets can be stored on an Android™ or iOS® device for virtually unlimited storage	
Dimensions (L x W x H)	7¼" x 2⅞" x 1½" (18.5 x 5.5 x 3.8 cm)	
Power	One 9 V battery (included)	



## Digi-Sense AC/DC Clamp Meter

- 1.2" (30 mm) clamp jaw designed for use in tight spaces
- True RMS for more accurate current readings
- Be safe with noncontact AC voltage indicator light
- Temperature measurement via a type K thermocouple
- CAT III-600 V safety rating
- Supplied with test leads, type K thermocouple probe, carrying case, battery and NIST-traceable calibration



Description	AC/DC clamp meter with Bluetooth	
Catalog number	MW-20250-63	
	Range	Accuracy
AC current	60 to 1000 A	±2.5% rdg ± 8 digits
DC current	60 to 1000 A	±2.5% rdg ± 8 digits
AC voltage	6 to 600 V	±1.2% rdg ± 5 digits
DC voltage	600 mV to 600 V	±1.0% rdg ± 3 digits
Resistance	600 Ω to 60 MΩ	±1.5% rdg ± 2 digits
Frequency	40 Hz to 1 kHz	±(1.0% ± 5 digits)
Capacitance	60 nF to 6000 μF	±3.0% rdg ± 5 digits
Duty cycle	20 to 80%	±1.2% rdg ± 10 digits
Temperature (type K)	-4 to 1400°F (-20 to 760°C)	±3.0% rdg ± 9°F (±3.0% rdg ± 5°C)
Display	6000-count LCD, backlighting	
Memory	Data sets can be stored on an Android™ or iOS® device for virtually unlimited storage	
Dimensions (L x W x H)	2" x 3¼" x 9" (4.9 x 8 x 22.9 cm)	
Power	One 9 V battery (included)	

## Digi-Sense Digital Multimeter with Thermal Imager

- Quickly identify hot spots with built-in thermal imager
- View measurements clearly on large 6000-count TFT color LCD
- Rugged IP65-rated double-molded housing
- CAT IV-600 V, CAT III-1000 V safety rating
- Supplied with test leads, type K thermocouple probe, carrying case, one rechargeable Li-ion battery and AC power adapter, and NIST-traceable calibration



Description	Digital multimeter with thermal imager and Bluetooth	
Catalog number	MW-20250-66	
	Range	Accuracy
DC voltage	600 mV to 1000 V	±0.9% rdg ± 5 digits
AC voltage	6 V to 1000 V	±0.8% rdg ± 5 digits
DC current	600 μA to 10 A	±0.9% rdg ± 8 digits
AC current	600 μA to 10 A	±1.2% rdg ± 5 digits
Resistance	600 Ω to 60 MΩ	±0.5% rdg ± 5 digits
Capacitance	60 nF to 6000 μF	±2.5% rdg ± 20 digits
Frequency	60 Hz to 10 MHz	±0.9% ± 5 digits
Duty cycle	5 to 95%	±1.2% rdg ± 2 digits
Temperature (type K)	-40 to 1800°F (-40 to 600°C)	±1.5% rdg ± 5.4°F (±3°C)
Temperature (IR)	-4 to 500°F (-20 to 260°C)	±3% rdg ± 5.4°F (±3°C)
IR resolution	80 x 80 pixels	
Field of view	21° x 21°	
Thermal sensitivity (NETD)	<0.1°C at 30°C (86°F)/100 mK	
Focus type	Focus free	
Focus length	7.5 mm	
Memory	Data sets can be stored on an Android™ or iOS® device for virtually unlimited storage	
Dimensions (L x W x H)	7" x 3" x 2" (17.5 x 8.5 x 5.5 cm)	
Power	Rechargeable Li-ion battery and AC power adapter (included)	

## Digi-Sense Heavy-Duty Digital Multimeter

- True RMS for more accurate current readings
- Temperature measurement with type K thermocouple
- Increased durability with double-molded IP67 housing
- CAT IV-600 V, CAT III-1000 V safety rating
- Supplied with test leads, type K thermocouple probe, carrying case, battery and NIST-traceable calibration



Description	Heavy-duty digital multimeter with Bluetooth	
Catalog number	MW-20250-64	
	Range	Accuracy
AC current	400 μA to 10 A	±3.0% rdg ± 5 digits
DC current	400 μA to 10 A	±1.0% rdg ± 3 digits
AC voltage	400 mV to 1000 V	±1.5% rdg ± 10 digits
DC voltage	400 mV to 1000 V	±1.0% rdg ± 8 digits
Resistance	400 Ω to 40 MΩ	±1.2% rdg ± 4 digits
Capacitance	40 nF to 4000 μF	±3.0% rdg ± 5 digits
Frequency	9.999 Hz to 9.999 MHz	±1.5% ± 5 digits
Temperature	-50 to 1382°F (-45 to 750°C)	±3.0% rdg ± 9°F (±3.0% rdg ± 5°C)
Memory	Data sets can be stored on an Android™ or iOS® device for virtually unlimited storage	
Dimensions (L x W x H)	7" x 3¼" x 2¼" x 18 x 8.2 x 5.7 cm)	
Power	One 9 V battery (included)	