

Models AM8, DM7 & DM9

Analog 3¹/₂ and 3³/₄ Digit Digital Display, Pocket Size, Low Cost Multimeters

The ideal, compact-size meters for basic, low-cost test and measurement troubleshooting.

For everyday field service applications or an easy-to-use meter for home, workshop, auto, RV, boat and anything else you need to measure, one of these meters will satisfy your requirements. In addition to AC, DC and resistance measuring, each meter also includes battery testing capabilities to identify the state of charge for common 1.5V and 9V batteries. Each meter includes Tech-Preferred™ safety test leads and the protective holster typically only found on more expensive meters, for a ready-to-use solution.



AM8

- ◆ *Smallest Size*
- ◆ *Battery Test Function*
- ◆ *Fused DC Current Input*
- ◆ *Zero Adjust for Ohms*
- ◆ *EN61010-1 Design, CE*
- ◆ *Holster and Battery Included*

The analog dial AM8 is Wavetek's multi-test solution for your small-size and low-cost requirements. The AM8 will perform AC and DC checking and open/short resistance tests for around-the-house and workshop tasks with ease and dependability. Measures to 500 volts AC or DC, resistance, and DC current and batteries.



DM7

- ◆ *2000 Count Digital Display*
- ◆ *Manual-Ranging*
- ◆ *Battery Test Function*
- ◆ *EN61010-1 Design, CE*
- ◆ *Holster and Battery Included*

Quality and features in the most popular, manual-ranging style describes the DM7 meter. As an all-trade, general purpose meter or as the best value, homeowner's meter, select the DM7. Precision digital read-out, AC/DC to 600 volts, DC currents to 200mA, four resistance ranges to 2MΩ, diode test and our most popular quick battery tester are featured in the DM7. The boot/holster makes this meter more rugged, and it will operate for years on its 9-volt battery.



DM9

- ◆ 4000 Count Digital Display
- ◆ Auto-ranging
- ◆ Battery Test Function with Go/NoGo LED Indicator
- ◆ EN61010-1 Design, CE
- ◆ Holster and Battery Included

The DM9 is our high performance, auto-ranging meter in a compact package. This meter is ideal for a field service toolcase, or as the top-of-the-line do-it-all workshop meter. Rugged and reliable, the DM9 will measure up to 600 volts AC/DC, AC and DC current to 400mA. It will quickly test diodes, batteries and continuity.



AM8, DM7 & DM9 Specifications (at 23°C±5° <75% R.H.)

Model	AM8	DM7	DM9
DC Voltage			
Ranges	2.5, 10, 50, 250, 500V	2, 20, 200, 600V	4, 400, 600V
Accuracy	±5%	±(0.8% rdg+1)	±(0.8% rdg+1)
Input Impedance	2kΩ/V	1MΩ	10MΩ
AC Voltage			
Ranges	10, 50, 250, 500V (50-60Hz)	200, 600V (40-400Hz)	4, 400, 600V
Accuracy	±5%	±(1.5% rdg+4)	±(1.5% rdg+4)
Input Impedance	2kΩ/V	450kΩ	10MΩ
DC Current			
Ranges	0.5, 70, 250mA	200mA	40, 400mA
Accuracy	±5%	±(2.0%+1dgt)	±(2.0% rdg +1)
AC Current			
Accuracy	—	—	400mA
Resistance			
Ranges	20k, 2MΩ	2k, 20k, 200k, 2MΩ	400Ω, 4k, 40k, 400k, 4M, 40MΩ
Accuracy	±5%(Zero Adjust)	±(1.0% rdg + 3)	±(1.0% rdg + 3)
Battery Test Range	yes, 1.5 and 9VDC	yes, 1.5 and 9VDC	yes, 1.5 and 9VDC
Diode Test	—	yes (1mA/3.2VDC)	yes (0.5mA/ 3VDC)
Continuity Test	—	—	Tone < 75Ω
Overload Protection Voltage	to Max range only	600VAC/1000VDC (30 Sec.)	600VAC/1000VDC (60 Sec.)
Resistance	—	250VDC/AC RMS	250VDC/AC RMS
Current	200mA/250V Fast Blow Fuse	200mA/250V Fast Blow Fuse	500mA/250V Fast Blow Fuse
Display	Analogue	2000 Count Digital	4000 Count Digital

GENERAL

Operating Temperature: 0-50°C (32°F - 122°F), <75%RH; **Storage Temperature:** -20-60°C(-14°F-140°F), <80%RH, Battery Removed; **Dimensions:** HxWxD: **AM8:** 130mm x 66mm x 45mm (5.1" x 2.6" x 1.7"); **DM7/DM9:** 140mm x 79mm x 41mm (5.5" x 3.1" x 1.6"); **Battery Type/Life:** **AM8:** One AA - 1.5VDC; **DM7:** One 9VDC NEDA 1604 500 hours w/Alk, **DM9:** Two 1.5VDC/700 hours w/Alk., All models include Test Leads, Holster, Battery, Manual; **Agency Approvals:** EN61010-1, CAT II; **CE**

