

Model DM7

Digital Multi-Tester



- Digital readout for home, auto, boat, RV, workshop
- 6 functions/14 ranges
- Special ranges to test household batteries
- 2000-count
- Holster included
- CAT II 600 V rated

DM7 Specification: Accuracies are indicated as $\pm\%$ of full scale values at $(23^{\circ}\text{C} \pm 5^{\circ}\text{C}; < 75\% \text{ R.H.})$

DC Voltage	
Ranges	2 V, 20 V, 200 V*, 600 V*
Accuracy	$\pm (0.8\% \text{ rdg} + 1 \text{ dgt})$
Resolution	1 mV in 2 V range
Input Impedance	1 M Ω
AC Voltage (40-400 Hz) <i>accuracies apply to sine wave inputs only</i>	
Ranges	200 V*, 600 V*
Accuracy	$\pm (1.5\% \text{ rdg} + 4 \text{ dgts})$
Resolution	100 mV in 200 V range
Input Impedance	450 k Ω
DC Current	
Ranges	200 mA
Accuracy	$\pm (2.0\% \text{ rdg} + 1 \text{ dgt})$
Resolution	100 μA in 200 mA range
Burden Voltage	6 mV/1 mA
Resistance	
Ranges	2 k Ω , 20 k Ω , 200 k Ω , 2 M Ω
Accuracy	$\pm (1.0\% \text{ rdg} + 3 \text{ dgts})$
Open Circuit Voltage	3 V DC in all ranges
Diode Test	
Test Current	1 mA nominal
Accuracy	15 %
Open Circuit Voltage	3.2 V DC nominal
Display	Forward junction voltage
Battery Test	
Battery Voltages	1.5 V, 9 V
Accuracy	$\pm (3.5\% \text{ rdg} + 4 \text{ dgts})$
Test Current	1.5 V range: 70 mA 9 V range: 10 mA
Overload Protection	
Volts	600 V AC rms/1000 V DC (30 seconds)
DC Current	200 mA/250 V fast acting glass fuse

*HV appears in display

General Specifications

Display: 3 1/2 digit LCD, 1999 counts; **Display Update Rate:** 2 per sec. nom.; **Range Selection:** Manual; **Power Supply:** 9 V battery, NEDA 1604, JIS006P, IEC 6F22; **Battery Life:** Alkaline 500 hours, approx.; **Operating Temperature:** 0 °C to + 50 °C, 0 to 70 % R.H. non-condensing; **Storage Temperature:** - 20 °C to + 60 °C, 0 to 80 % R.H. non-condensing, batteries removed; **Dimensions (H x W x D):** 14 x 7.8 x 4 cm (5.45" x 3.1" x 1.55"); **Weight (including battery):** 8.2 Ounces (215 grams)

Features
Battery Test Function; Fused DC Current Input; Included Accessories: Manual, holster and battery; Warranty: One-year
Optional Accessories
VC30 Vinyl Case

For additional accessories, see the Accessories Compatibility Guide at www.metermantesttools.com



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Meterman.
The right tool for the job.™

Meterman Test Tools

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