

# Wavetek Meterman Pocket Digital Multimeter

Part No. 01DM7

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## 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 ( $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ ;  $< 75\%$  R.H.)**

<b>DC Voltage</b>	
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 $\Omega$
<b>AC Voltage (40-400 Hz) accuracies apply to sine wave inputs only</b>	
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 $\Omega$
<b>DC Current</b>	
Ranges	200 mA
Accuracy	$\pm (2.0\% \text{ rdg} + 1 \text{ dgt})$
Resolution	100 $\mu\text{A}$ in 200 mA range
Burden Voltage	6 mV/1 mA
<b>Resistance</b>	
Ranges	2 k $\Omega$ , 20 k $\Omega$ , 200 k $\Omega$ , 2 M $\Omega$
Accuracy	$\pm (1.0\% \text{ rdg} + 3 \text{ dgts})$
Open Circuit Voltage	3 V DC in all ranges
<b>Diode Test</b>	
Test Current	1 mA nominal
Accuracy	15 %
Open Circuit Voltage	3.2 V DC nominal
Display	Forward junction voltage
<b>Battery Test</b>	
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
<b>Overload Protection</b>	
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:**  $3\frac{1}{2}$  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  $^{\circ}\text{C}$  to + 50  $^{\circ}\text{C}$ , 0 to 70 % R.H. non-condensing; **Storage Temperature:** - 20  $^{\circ}\text{C}$  to + 60  $^{\circ}\text{C}$ , 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](http://www.metermantesttools.com)