

Model DM9

Digital Multi-Tester



- Top meter for home, auto, boat, RV, workshop
- High resolution, 4000-count autoranger
- 8 functions/19 ranges
- Special ranges to test household batteries with Go/NoGo LED
- Holster included
- CAT II 600 V rated

DM 9 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	4 V, 40 V, 400 V, 600 V
Accuracy	$\pm (0.8\% \text{ rdg} + 1 \text{ dgt})$
Resolution	1 mV in 4 V range
Input Impedance	10 M Ω
AC Voltage (40-400 Hz) <i>accuracies apply to sine wave inputs only</i>	
Ranges	4 V, 40 V, 400 V, 600 V
Accuracy	$\pm (1.5\% \text{ rdg} + 4 \text{ dgts})$
Resolution	1 mV in 4 V range
Input Impedance	10 M Ω
DC Current	
Range	400 mA
Accuracy	$\pm (2.0\% \text{ rdg} + 1 \text{ dgt})$
Resolution	100 μA in 400 mA range
Burden Voltage	1.7 mV/1 mA
AC Current (40-400 Hz)	
Range	400 mA
Accuracy	$\pm (2.0\% \text{ rdg} + 1 \text{ dgt})$
Resolution	100 μA in 400 mA range
Burden Voltage	1.7 mV/1 mA
Resistance	
Ranges	4000 Ω , 4 k Ω , 40 k Ω , 400 k Ω , 4 M Ω , 40 M Ω
Accuracy	$\pm (1.0\% \text{ rdg} + 3 \text{ dgts})$
Open Circuit Voltage	3 V DC in all ranges
Continuity Test	
Buzzer Sounds at	$< 75 \Omega$
Diode Test	
Test Current	0.5 mA nominal
Test Voltage	3.0 V DC nominal
Display	Forward junction voltage
Battery Test	
Battery Voltages	1.5 V, 9 V
LED Indication	green for good; red for bad
Voltage 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)
Current	500 mA/250 V fast acting glass fuse
Resistance, all Ranges:	250 V DC or AC rms

General Specifications

Display: 3 3/4 digit LCD, 4000-counts; **Display Update Rate:** 2 per sec. nom; **Range Selection:** Auto-ranging; **Power Supply:** Two standard 1.5 V mA batteries; **Battery Life:** Alkaline 500 hours, approx.; **Operating Temperature:** 0°C to $+50^{\circ}\text{C}$, $< 70\% \text{ R.H.}$ non-condensing; **Storage Temperature:** -20°C to $+60^{\circ}\text{C}$, $< 80\% \text{ R.H.}$ non-condensing, batteries removed; **Dimensions (H x W x D):** 14 cm x 7.8 cm x 4 cm (5.45" x 3.1" x 1.55") **Weight (including battery):** 8.2 Ounces (215 grams); **Included Accessories:** Manual, holster and battery

Features

Battery Test Function with Go/NoGo LED indicator; **Test Leads** permanently attached; **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

website: www.metermantesttools.com
email: info@metermantesttools.com

6920 Seaway Blvd.
Everett, WA 98203
fax: 425-446-4882
tel: 877-596-2680

Meterman Test Tools Europe
P.O. Box 1186
5602 BD Eindhoven
The Netherlands

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