

Data Sheet

DM9B

Digital Multi-Tester



Test Equipment Depot

 1-800-517-8431

99 Washington Street
 Melrose, MA 02176
 Fax 781-665-0780
 TestEquipmentDepot.com

Compact multimeter for industry or home

- High-resolution, 4000-count autoranging
- 7 functions/23 ranges
- Battery Test Function with Go/NoGo LED indicator
- Industry standard test leads
- One-year warranty
- Protective holster included
- CAT III 600 V rated
- cCSAus approved

Specifications Accuracies are indicated ± % of full scale values at (23 °C ± 5 °C; < 75 % R.H.)

Function	Range	Accuracy
Voltage		
DC Voltage	400 mV, 4 V, 40 V, 400 V, 600 V	± (0.8 % rdg + 3 dgts)
Resolution	0.1 mV in 400 mV range	
Input Impedance	10 MΩ	
AC Voltage (40-400 Hz) accuracies apply to sine wave inputs only		
	4000 mV, 4 V, 40 V, 400 V, 600 V	± (1.3 % rdg + 5 dgts)
Resolution	1 mV in 4000 mV range	
Input Impedance	10 MΩ	
Current		
DC Current	40 mA, 400 mA 10 A*	± (1.5 % rdg + 3 dgts) ± (2 % rdg + 3 dgts)
Resolution	100 μA in 400 mA range	
AC Current (40-400 Hz)	40 mA, 400 mA 10 A*	± (1.5 % rdg + 3 dgts) ± (2 % rdg + 3 dgts)
Resolution	100 μA in 400 mA range	
Burden Voltage	40 mA, 400 mA 10 A	5 mV/mA 40 mV/A
Resistance		
	400 Ω, 4 kΩ, 40 kΩ, 400 kΩ, 4 MΩ, 40 MΩ	± (1.5 % rdg + 3 dgts)
Open Circuit Voltage	3.2 V dc in all ranges	
Continuity Test		
Buzzer Sounds at	< 60 Ω	
Diode Test		
Test Current	0.5 mA nominal	
Test Voltage	3.2 V dc nominal	
Display	Forward junction voltage	
Overload Protection		
Voltage, Resistance, Continuity	600 V ac/dc	
Current	500 mA/600 V, 10 A/600 V	

*10 A for 10 minutes followed by 20 minutes cooling period.



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.
Auto Power Off	15 minutes
Altitude	2000 m
Fuses	500 mA/600 V, 10 A/600 V
Operating Temperature	0 °C to + 50 °C, < 70 % R.H. non-condensing
Storage Temperature	- 10 °C to + 60 °C, < 80 % R.H. non-condensing, batteries removed
Dimensions (H x W x D)	14 cm x 7.8 cm x 5 cm (5.45 in x 3.1 in x 1.55 in)
Weight (including battery)	8.2 ounces (215 grams)

Included Accessories

Holster, test leads, battery and users manual.

Optional Accessories

VC30 Vinyl Case

