

Data Sheet

DM9B

Digital Multi-Tester



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 $\pm$ % of full scale values at (23 °C $\pm$ 5 °C; < 75 % R.H.)

Function	Range	Accuracy
Voltage		
DC Voltage	400 mV, 4 V, 40 V, 400 V, 600 V	$\pm$ (0.8 % rdg + 3 dgts)
Resolution	0.1 mV in 400 mV range	
Input Impedance	10 M Ω	
AC Voltage (40-400 Hz) accuracies apply to sine wave inputs only		
	4000 mV, 4 V, 40 V, 400 V, 600 V	$\pm$ (1.3 % rdg + 5 dgts)
Resolution	1 mV in 4000 mV range	
Input Impedance	10 M Ω	
Current		
DC Current	40 mA, 400 mA	$\pm$ (1.5 % rdg + 3 dgts)
	10 A*	$\pm$ (2 % rdg + 3 dgts)
Resolution	100 μ A in 400 mA range	
AC Current (40-400 Hz)	40 mA, 400 mA	$\pm$ (1.5 % rdg + 3 dgts)
	10 A*	$\pm$ (2 % rdg + 3 dgts)
Resolution	100 μ A in 400 mA range	
Burden Voltage	40 mA, 400 mA	5 mV/mA
	10 A	40 mV/A
Resistance		
	400 Ω , 4 k Ω , 40 k Ω , 400 k Ω , 4 M Ω , 40 M Ω	$\pm$ (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



No waiting.

No shipping charges.

No hassle warranty

Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that a Meterman test tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.



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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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