



DM78B Digital Multi-Tester

- Smallest, go anywhere meter
- 5 functions/16 ranges
- Auto-off saves batteries
- Data Hold
- Protective case included
- 3200-count display with analog bargraph

No hassle warranty

No waiting.

*No shipping
charges.*



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

(note: \$500 MSLP limit)

Included Accessories

Pocket case, battery, and users manual.



DM78B Digital Multi-Tester

Data Sheet

General Specifications

Display:	3-3/4 digit LCD, 3200 counts
Display Update:	2/sec display; 20/sec bargraph
Power Supply:	Two 1.5 V (LR-44), NEDA# 1166A
Battery Life:	70 hours continuous operation
Low Battery Indicator:	B displayed when < 1.25 V
Operating Temperature:	0 °C to + 40 °C, < 70 % R.H. non-condensing
Storage Temperature:	- 20 °C to + 60 °C, < 80 % R.H. non-condensing, batteries removed
Dimensions (H x W x D):	111.5 x 56 x 10.5 mm (4.3" x 2.2" x 0.40")
Weight (including battery):	8.6 g (3 oz.)

Specifications 23 °C ± 5 °C; < 80 % R.H.

Function	Range	Accuracy
DC Voltage		
320 mV, 3.2 V, 32 V, 320 V, 600 V	3.2 V range	± (1.0 % rdg + 2 dgts)
	All other ranges	± (2.0 % rdg + 2 dgts)
Resolution	0.1 mV in 320 mV range	
Input Impedance	320 mV range: > 100 MΩ	
	3.2 V range: 11 MΩ	
	All other ranges: 10 MΩ	
AC Voltage		
	Ranges 3.2 V, 32 V, 320 V, 600 V	± (4.0 % rdg + 5 dgts)
Resolution	100 mV in 3.2 V range	
Input Impedance	3.2 V range: 11 MΩ	
	All other ranges: 10 MΩ	
Resistance		
Ranges	320 Ω, 3.2 kΩ, 32 kΩ, 320 kΩ, 3.2 MΩ, 32 MΩ	
Resolution	100 mΩ in 320 Ω range	
	320 Ω range:	± (2.0 % rdg + 4 dgts)
	3.2, 32, 320 kΩ ranges:	± (2.0 % rdg + 2 dgts)
	3.2 MΩ range:	± (6.0 % rdg + 2 dgts)
	32 MΩ range:	± (1.0 % rdg + 2 dgts)
Test Current	320 Ω: < 0.7 mA	
	3.2 kΩ: < 0.13 mA	
	32 kΩ: < 13 μA	
	320 kΩ: < 1.3 μA	
	3.2 MΩ: < 0.13 μA	
Test Voltage	32 MΩ: 0.6 mA	
	0.6 V	
Diode Test		
Range	3.2 V	± (10 % rdg + 2 dgts)
Test Current	0.6 mA	
Test Voltage	0.6 V	
Continuity Check		
Range	320 Ω	
Indication	At approx. < 20 Ω	
Test Current	0.7 mA	

Amprobe® Test Tools
 website: www.Amprobe.com
 email: info@amprobe.com
 Everett, WA 98203
 Tel: 877-AMPROBE

Amprobe® Test Tools Europe
 In den Engematten 14
 79286 Glottertal, Germany
 Tel.: +49 (0) 7684 8009 - 0

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