



## 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
<b>DC Voltage</b>		
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	
<b>AC Voltage</b>		
	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	
<b>Resistance</b>		
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	
<b>Diode Test</b>		
Range	3.2 V	± (10 % rdg + 2 dgts)
Test Current	0.6 mA	
Test Voltage	0.6 V	
<b>Continuity Check</b>		
Range	320 Ω	
Indication	At approx. < 20 Ω	
Test Current	0.7 mA	

**Amprobe® Test Tools**  
 website: [www.Amprobe.com](http://www.Amprobe.com)  
 email: [info@amprobe.com](mailto: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