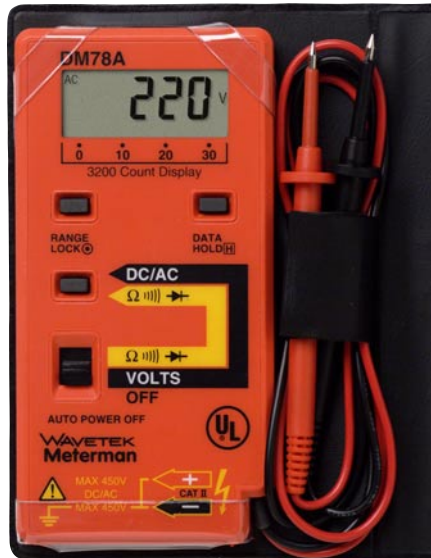


# Model DM78A

## 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
- CAT I 600 V, CAT II 300 V rated

### DM 78A Specification (23 °C ± 5 °C, < 80 % R.H.)

DC Voltage	
Ranges	320 mV, 3.2 V, 32 V, 320 V, 450 V
Accuracy	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, 450 V
Accuracy	± (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
Accuracy	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: ± (10.0 % 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 32 MΩ: 0.6 mA
Test Voltage	0.6 V
Diode Test	
Range	3.2 V
Accuracy	± (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



### General Specifications

Display: 3¾ 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.); Included Accessories: Manual, pocket case, and battery

### Features

Auto Power Off: Turn-off after 10 min. of non-use; Continuity Test: Buzzer alert; Diode Check: Good/bad by the displayed value; Warranty: One-year

## **Model DM78A**

### **Digital Multi-Tester**

**Meterman.**  
**The right tool for the job.<sup>™</sup>**

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