# **Digital Multimeter**

## DM-75

- Low Cost
- Full Function General Purpose
- Rotary Range Switch
- Diode Test
- 0.7% Basic DC Accuracy
- 3 1/2 Digit LCD, 0.5" H
- 10A DC

- 10MΩ Input Impedance, DC
- Overload Protection
- Pocket Size
- 90-Day Limited Warranty

Battery, Test Leads and Operating Instructions Included

## **SPECIFICATIONS:**

#### General

**Display:** 3 1/2 Digit LCD, 0.5" high, with polarity indicator **Overrange Indication:** 3 least significant

digits blanked Operating Environment: 0°C to 50°C, <80%

relative humidity

**Storage Environment:** -15°C to 50°C

**Power:** 9V alkaline or carbon zinc battery **Battery Life:** 100 hours typical with carbon zinc cells, 200 hours typical with alkaline cells

*Dimensions, Weight:* 2.8" wide *x* 5" long *x* 1" thick (71mm *x* 127mm *x* 25.4mm), net weight 6.1oz. (173g)

#### **DC Voltage**

Range	Resolution	Accuracy
200mV	0.1 <i>mV</i>	±0.7% of rdg ±4D
2000mV	1mV	±0.7% of rdg ±2D
20V	10mV	±0.7% of rdg ±2D
200V	100mV	±0.7% of rdg ±2D
1000V	1V	±0.7% of rdg ±2D

Input Impedance:  $10M\Omega$  on all ranges

### **DC Current**

Range	Resolution	Accuracy		
200µA	0.1μΑ	$\pm$ 1% of rdg $\pm$ 2D		
2000µA	1μÂ	± 1% of rdg ± 2D		
20mA	10µA	± 1% of rdg ± 2D		
200mA	100µA	± 1.2% of rdg ± 2D		
2000mA	1mÅ	± 1.5% of rdg ± 2D		
10A	10mA	± 1.5% of rdg ± 2D		
Overload Protection: mA input, 2A/250V fuse;				

10A input (unfused) up to 10A for 15 seconds

ECG

#### **AC Voltage**

Range	Resolution	Accuracy		
200V	100mV	±1.2% of rdg ±10D		
750V	1V	±1.2% of rdg ±10D		
Overload Protection: 750V rms				
Frequency Range: 45Hz - 450Hz				

#### Resistance

dg ±2D
dg ±2D
$dg \pm 2D$
$dg \pm 2D$
±2D

#### **Diode Test**

Voltage: 2.8V @ 1mA





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