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	0.1mV	±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: 10MΩ on all ranges

DC Current

Range	Resolution	Accuracy
200µA	0.1µA	± 1% of rdg ± 2D
2000µA	1µA	± 1% of rdg ± 2D
20mA	10µA	± 1% of rdg ± 2D
200mA	100µA	± 1.2% of rdg ± 2D
2000mA	1mA	± 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

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

Range	Resolution	Accuracy
200Ω	0.1Ω	±0.7% of rdg ±2D
2000Ω	1Ω	±0.7% of rdg ±2D
20KΩ	10Ω	±0.7% of rdg ±2D
200KΩ	100Ω	±0.7% of rdg ±2D
2000KΩ	1KΩ	±1% of rdg ±2D

Diode Test

Voltage: 2.8V @ 1mA