

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
- 10M Ω 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: 10M Ω on all ranges

DC Current

Range	Resolution	Accuracy
200 μ A	0.1 μ A	± 1% of rdg ± 2D
2000 μ A	1 μ A	± 1% of rdg ± 2D
20mA	10 μ A	± 1% of rdg ± 2D
200mA	100 μ A	± 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
200 Ω	0.1 Ω	±0.7% of rdg ±2D
2000 Ω	1 Ω	±0.7% of rdg ±2D
20K Ω	10 Ω	±0.7% of rdg ±2D
200K Ω	100 Ω	±0.7% of rdg ±2D
2000K Ω	1K Ω	±1% of rdg ±2D

Diode Test

Voltage: 2.8V @ 1mA