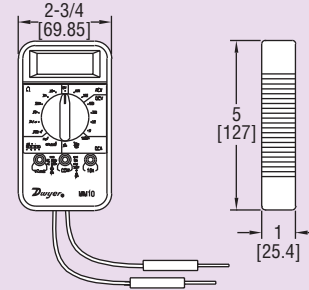




Model  
MM10

# Digital Multimeter

Measures DC /AC Voltage, DC Current and Resistance, Overload Protection



**Our compact, low cost** Model MM10 Digital Multimeter is ideal for general electrical testing and troubleshooting. This full function multimeter measures DC and AC voltage to 600 V, DC current to 10 A and resistance to 20 MΩ. In addition to volts, amps and ohms, this meter includes audible continuity, diode, LED and transistor hFE tests. The 3-1/2 digit LCD features automatic polarity correction, low battery and overload indication. Rugged, high impact case comes equipped with built-in tilt-stand for versatile, hands-free operation. Overload protected to 600 VAC/600 VDC for voltage ranges and to 500 VAC/500 VDC for resistance, diode and continuity test ranges. Current ranges are protected by 0.5A/250V, replaceable fuse. Multimeter is furnished with 22" test leads, 9 V battery and instruction manual.

**Model MM10**, Digital Multimeter

## SPECIFICATIONS

### DC VOLTAGE

**Ranges:** 2 V, 20 V, 200 V, 600 V.

**Resolution:** 1 mV, 10 mV, 100 mV, 1 V.

**Accuracy:** 2V:  $\pm(0.5\% + 1 \text{ digit})$ ; 20 to 600V:  $\pm(1.5\% + 1 \text{ digit})$ .

### AC VOLTAGE

**Ranges:** 200 V, 600 V.

**Resolution:** 100 mV, 1V.

**Accuracy:** 200V:  $\pm(2\% + 3 \text{ digits})$ ;  
600V:  $\pm(2.5\% + 3 \text{ digits})$ .

### RESISTANCE

**Ranges:** 200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ, 20 MΩ.

**Accuracy:** 200 Ω:  $\pm(2\% + 2 \text{ digits})$ ; 2 kΩ to 2 MΩ:  $\pm(1.5\% + 2 \text{ digits})$ ; 20 MΩ:  $\pm(2.5\% + 2 \text{ digits})$ .

### DC CURRENT

**Ranges:** 2 mA, 20 mA, 200 mA, 10 A.

**Resolution:** 1 μA, 10 μA, 100 μA, 10 mA.

**Accuracy:** 2 to 200 mA:  $\pm(1.5\% + 1 \text{ digit})$ ; 10A:  $\pm(2\% + 1 \text{ digit})$ .

## CONTINUITY TEST

**Range:** < 30 Ω. **Resolution:** 0.1 Ω.

## DIODE TEST

**Resolution:** 1 mV.

**Test Current:** 1 mA.

## TRANSISTOR (hFE) TEST

**Type:** NPN, PNP.

**Range:** 0-1000.

## LED TEST

**Test Voltage:** < 3 V.

**Range:** 1.5 - 3 V.

## GENERAL

**Display:** 3-1/2 digit LCD with a maximum reading of 1999.

**Sampling Rate:** 2.5 times per second.

**Ambient Operating Temperature:** 32 to 104°F (0 to 40°C), 0 to 80% RH.

**Storage Temperature:** 14 to 140°F (-10 to 60°C), 0 to 80% RH.

**Power Requirements:** 9 V alkaline battery, installed functional, user replaceable.

**Battery Life:** 150 hrs. approx.

**Weight:** 5.2 oz (150 g).