

# DM-97

## Features:

- 3<sup>3</sup>/<sub>4</sub> Digit Multimeter with Backlight
- 3,999 Count
- Auto Power Off (APO) under natural operation
- Data Hold, Max./Min.
- NCV
- True RMS



### DC VOLTAGE

Range	Resolution	Accuracy
400mV	0.1mV	±0.5% of rdg + 5 digits
4V	1mV	
40V	10mV	
400V	100mV	
1000V	1V	±1.0% of rdg + 5 digits

### DC CURRENT

Range	Resolution	Accuracy
400μA	0.1μA	±1.0% of rdg + 5 digits
4000μA	1μA	
40mA	10μA	
400mA	100μA	
4A	1mA	±2.0% of rdg + 5 digits
20A	10mA	

### AC VOLTAGE

Range	Resolution	Accuracy
400mV	0.1mV	± 1.5% of rdg + 10 digits
4V	1mV	± 0.8% of rdg + 10 digits
40V	10mV	
400V	100mV	± 1.0% of rdg + 10 digits
750V	1V	

### AC CURRENT

Range	Resolution	Accuracy
400μA	0.1μA	±1.5% of rdg + 10 digits
4000μA	1μA	
40mA	10μA	
400mA	100μA	
4A	1mA	±2.0% of rdg + 10 digits
20A	10mA	

### RESISTANCE

Range	Resolution	Accuracy
400Ω	0.1Ω	±0.8% of rdg + 5 digits
4kΩ	1Ω	
40kΩ	10Ω	±0.8% of rdg + 2 digits
400kΩ	100Ω	
4MΩ	1KΩ	±1.2% of rdg + 5 digits
40MΩ	10KΩ	

### CAPACITANCE

Range	Resolution	Accuracy
40nF	10pF	±2.5% of rdg + 6 digits
400nF	100pF	±2.5% of rdg + 5 digits
4μF	1nF	
40μF	10nF	±5.0% of rdg + 8 digits
400μF	100nF	
4mF	1uF	
40mF	10uF	

### FREQUENCY

Range	Resolution	Accuracy
10Hz	0.001Hz	±0.5% of rdg + 4 digits
100Hz	0.01Hz	
1000Hz	0.1Hz	
10kHz	1Hz	
100kHz	10Hz	
1MHz	100Hz	
10MHz	1kHz	

### TRANSISTOR hFE TEST

Range	Test Range	Test Current/Voltage
NPN or PNP	0-1000	Base current is approximate 15μA Vce is about 4.5V

### TEMPERATURE

Range	Resolution	Accuracy
-40°C ~ 1000°C	1°C	<400°C ±0.8% of rdg + 4 digits ≥400°C ±1.5% of rdg + 15 digits
-0°F ~ 1832°F	1°F	<750°F ±1.0% of rdg + 5 digits ≥750°F ±1.5% of rdg + 15 digits

## Special Function

Diode Test	✓	Function Protection	✓
Transistor Testing	✓	Input impedance	10MΩ
Continuity Buzzer	Lower 30Ω+10Ω	Sampling Rate	3 times per second
Low Battery Display	Lower 2.4V	AC Frequency Response	40-400Hz
Auto Power OFF	Approx. 30 min.	Power	AAA 1.5V X 2

- Standard Accessories : Test Lead, Manual, TP 01 Temperature Probe Bead type
- Dimension : 185(H) x 93(W) x 35(D)mm