

**DM-97**

**Features:**

- 3¾ Digital Multimeter
- 3999 Counts Large LCD Display with Auto/Manual Range
- Auto Power Off (APO) under natural operation
- Data Hold, Max. / Min. Value Hold



**DC VOLTAGE**

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

**DC CURRENT**

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

**AC VOLTAGE**

Range	Resolution	Accuracy
400mV	0.1mV	±1.5% of rdg + 6 digits
4V	1mV	
40V	10mV	±0.8% of rdg + 6 digits
400V	100mV	
750V	1V	±1.0% of rdg + 6 digits

**AC CURRENT**

Range	Resolution	Accuracy
400µA	0.1µA	±1.5% of rdg + 5 digits
4000µA	1µA	
40mA	10µA	
400mA	100µA	±2.0% of rdg + 10 digits
4A	1mA	
20A	10mA	

**RESISTANCE**

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

**CAPACITANCE**

Range	Resolution	Accuracy
4nF	1pF	±2.5% of rdg + 6 digits
40nF	10pF	
400nF	100pF	±3.5% of rdg + 8 digits
4µF	1nF	
40µF	10nF	±5.0% of rdg + 8 digits
200µF	100nF	

**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	
30MHz	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

**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	9V (6F22) X 1

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

**DM-56**

**Features:**

- 4½ Digital Multimeter, 19,999 Counts
- Large LCD Display with Manual Range
- Auto Power Off (APO) under natural operation
- Conductance, Capacitance, Frequency
- Backlight LCD



**DC VOLTAGE**

Range	Resolution	Accuracy
200mV	10µV	±0.1% of rdg + 5 digits
2V	100µV	
20V	1mV	
200V	10mV	±0.2% of rdg + 5 digits
1000V	100mV	

**DC CURRENT**

Range	Resolution	Accuracy
200µA	0.01µA	±0.5% of rdg + 4 digits
2mA	0.1µA	
20mA	1µA	
200mA	10µA	±0.8% of rdg + 6 digits
20A	1mA	
		±2.0% of rdg + 15 digits

**AC VOLTAGE**

Range	Resolution	Accuracy
2V	100µV	±0.8% of rdg + 25 digits
20V	1mV	
200V	10mV	
750V	100mV	±1.0% of rdg + 25 digits

**AC CURRENT**

Range	Resolution	Accuracy
200mA	10µA	±1.5% of rdg + 25 digits
20A	1mA	
		±2.5% of rdg + 35 digits

**RESISTANCE**

Range	Resolution	Accuracy
200Ω	0.01Ω	±0.2% of rdg + 10 digits
2kΩ	0.1Ω	
20kΩ	1Ω	±0.2% of rdg + 5 digits
200kΩ	10Ω	
2MΩ	100Ω	±0.8% of rdg + 5 digits
20MΩ	1KΩ	

**CAPACITANCE**

Range	Resolution	Accuracy
2nF	0.1pF	±3.5% of rdg + 10 digits
20nF	1pF	
2µF	100pF	
200µF	10nF	±3.8% of rdg + 20 digits

**FREQUENCY**

Range	Resolution	Accuracy
2kHz	0.1Hz	±3.0% of rdg + 15 digits
200kHz	0.01Hz	

**TRANSISTOR hFE TEST**

Range	Test Range	Test Current/Voltage
NPN or PNP	0-1000	Base DC current is approx 10µA, Vce is approx. 3V

**Special Function**

Diode Test	✓	Anti Shock Protect	✓
hFE test	✓	Input impedance	10MΩ
Continuity Buzzer	Approx. < 30Ω+10Ω	Sampling Rate	3 times per second
Low Battery Display	Approx. < 7.5V	AC Frequency Response	40-400Hz
Auto Power OFF	Approx. 30 min.	Power	9V (6F22) X 1
Function Protection	✓		

- Standard Accessories : Test Leads, Manual
- Dimension : 185(H) x 93(W) x 35(D)mm

