

Digital Multimeter

DM-91

HTCTM
INSTRUMENTS

Features:

- 3½ Digit Manual Multimeter with Backlight
- 1,999 Count
- Auto Power Off (APO) under natural operation
- Terminal Shutter Interlock Mechanism



DC VOLTAGE

Range	Resolution	Accuracy
200mV	0.1mV	±0.5% of rdg + 1 digits
2V	1mV	±0.5% of rdg + 3 digits
20V	10mV	
200V	100mV	
1000V	1V	±0.8% of rdg + 3 digits

DC CURRENT

Range	Resolution	Accuracy
20μA	10nA	±1.2% of rdg + 3 digits
2mA	1μA	±1.0% of rdg + 3 digits
200mA	100μA	±1.5% of rdg + 5 digits
10A	10mA	±2.0% of rdg + 10 digits

AC VOLTAGE

Range	Resolution	Accuracy
2V	1mV	± 1.0% of rdg + 5 digits
20V	10mV	
200V	100mV	
700V	1V	± 1.2% of rdg + 5 digits

AC CURRENT

Range	Resolution	Accuracy
20mA	10 μ A	\pm 1.2% of rdg + 5 digits
200mA	100 μ A	\pm 2.0% of rdg + 5 digits
10A	10mA	\pm 3.0% of rdg + 10 digits

RESISTANCE

Range	Resolution	Accuracy
200 Ω	0.1 Ω	\pm 1.0% of rdg + 10 digits
2k Ω	1 Ω	\pm 1.0% of rdg + 1 digit
20k Ω	10 Ω	
200k Ω	100 Ω	
20M Ω	10K Ω	\pm 1.0% of rdg + 5 digits
200M Ω	100K Ω	\pm 5.0% of rdg - 10 digits + 20 digits

CAPACITANCE

Range	Resolution	Accuracy
2nF	1pF	\pm 4.0% of rdg + 3 digits
200nF	0.1nF	
2 μ F	1nF	
200 μ F	100nF	\pm 5.0% of rdg + 3 digits

TRANSISTOR hFE TEST

Range	Test Range	Test Current/Voltage
NPN or PNP	0-1000	$I_b=10\mu A/V_{ce}=3A$

FREQUENCY

Range	Resolution	Accuracy
200KHz	100Hz	\pm 1.5% of rdg + 10 digits

TEMPERATURE

Range	Resolution	Accuracy
-20~0 $^{\circ}$ C	1 $^{\circ}$ C	\pm 5.0% of rdg + 5 digits
0~400 $^{\circ}$ C		\pm 1.0% of rdg + 3 digits
400~1000 $^{\circ}$ C		\pm 2.0% of rdg + 3 digits

Special Function

Diode Test	✓	Anti Shock Protect	✓
Transistor Testing	✓	Input impedance	10M Ω
Continuity Buzzer	Approx. < 30 Ω +10 Ω	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

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