

DIGITAL MULTIMETER
DM 83T



- FEATURES :**
- ✓ 3½ DIGITS
 - ✓ TRUE RMS
 - ✓ 1999 COUNT
 - ✓ hFE TEST
 - ✓ DATA HOLD
 - ✓ AUTO POWER OFF
 - ✓ AUTO / MANUAL RANGE

DC VOLTAGE

RANGE	RESOLUTION	ACCURACY
200mV	0.1 mV	±0.5% of rdg±4 digits
2V	1 mV	
20V	10 mV	
200V	100mV	
600V	1V	±1.0% of rdg±4 digits

DC CURRENT

RANGE	RESOLUTION	ACCURACY
200uA	0.1uA	±1.0% of rdg±5 digits
2000uA	1uA	
20mA	10uA	
200mA	100uA	
2A	1mA	±2.0% of rdg±5 digits
10A	10mA	

DIODE AND CONTINUITY TESTING

MEASUREMENT	RANGE	TEST CONDITION
	Diode forward voltage drop	Forward DC current is approx 0.8 mA, reverse voltage is approx 2.2V
	When the resistance under test is less than 50Ω, buzzer sounds continuously	Open circuit voltage 2.2 V

AC VOLTAGE

RANGE	RESOLUTION	ACCURACY
2V	1 mV	±0.8% of rdg±6 digits
20V	10 mV	
200V	100 mV	
600V	1 V	±1.0% of rdg±6 digits

AC CURRENT

RANGE	RESOLUTION	ACCURACY
200uA	0.1uA	±1.5% of rdg±5 digits
2000uA	1uA	
20mA	10uA	
200mA	100uA	
2A	1mA	±2.0% of rdg±10 digits
10A	10mA	

TRANSISTOR (hFE)

MEASUREMENT	RANGE	CONDITION
hFE NPN OR PNP	0~1000	Base current is approx 15uA, VCE is about 1.2V

RESISTANCE

RANGE	RESOLUTION	ACCURACY
200Ω	0.1Ω	±0.8% of rdg±5 digits
2kΩ	1Ω	±0.8% of rdg±1 digit
20kΩ	10Ω	
200kΩ	100Ω	
2MΩ	1KΩ	
20MΩ	10kΩ	±1.2% of rdg±5 digits

TEMPERATURE

RANGE	RESOLUTION	ACCURACY
-40~1000°C	1°C	<400°C±(1.0% ±5) digit
		≥400°C±(1.5% ±15) digit
-40~1832°F	1°F	<750°F±(1.0% ±5) digit
		≥750°F±(1.0% ±15) digit

POWER : AAA1.5 V x 2

Dimension : H140 x W72 x D37 mm
Weight : Approx 195g.
Accessories : Test leads, User Manual, TP04 Thermocouple & Battery.
Qty : 40 Pcs. in a Box.