

DM-86



Features:

- 3½ Digital Multimeter, 1999 Counts
- Auto Power Off (APO) under natural operation
- Non Contact Voltage (NCV) Test
- Backlight LCD

DC VOLTAGE			DC CURRENT		
Range	Resolution	Accuracy	Range	Resolution	Accuracy
200mV	0.1mV	±0.5% of rdg + 4d digits	200µA	0.1µA	±1.0% of rdg + 5d digits
2V	1mV		2000µA	1µA	
20V	10mV		20mA	10µA	
200V	100mV	±1.0% of rdg + 4d digits	200mA	100µA	±2.0% of rdg + 5d digits
1000V	1V		2A	1mA	
			20A	10mA	

AC VOLTAGE			AC CURRENT		
Range	Resolution	Accuracy	Range	Resolution	Accuracy
200mV	0.1mV	±1.5% of rdg + 15d digits	200µA	0.1µA	±1.5% of rdg + 5d digits
2V	1mV	±0.8% of rdg + 6d digits	2000µA	1µA	
20V	10mV		20mA	10µA	
200V	100mV	±1.0% of rdg + 6d digits	200mA	100µA	±2.0% of rdg + 10d digits
750V	1V		2A	1mA	
			20A	10mA	

RESISTANCE		
Range	Resolution	Accuracy
200Ω	0.1Ω	±0.8% of rdg + 5d digits
2kΩ	1Ω	
20kΩ	10Ω	
200kΩ	100Ω	±0.8% of rdg + 1d digits
2MΩ	1KΩ	
20MΩ	10KΩ	±1.2% of rdg + 5d digits

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

Special Function

Diode Test	✓	NCV	
Transistor Testing	✓	Input impedance	10MΩ
Continuity Buzzer	Approx. < 30 +10	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 Leads, Manual
- Dimension : 225(H) x 38(W) x 26(D)mm

DM-88



Features:

- 3¾ Digital Multimeter
- COMS, TTL Logic Test
- Auto Power Off (APO) under natural operation
- Backlight LCD

DC VOLTAGE			DC CURRENT		
Range	Resolution	Accuracy	Range	Resolution	Accuracy
400mV	0.1mV	±0.5% of rdg + 4d digits	400µA	0.1µA	±1.0% of rdg + 5d digits
4V	1mV		4000µA	1µA	
40V	10mV		40mA	10µA	
400V	100mV	±1.0% of rdg + 4d digits	400mA	100µA	±2.0% of rdg + 5d digits
1000V	1V		4A	1mA	
			20A	10mA	

AC VOLTAGE			AC CURRENT		
Range	Resolution	Accuracy	Range	Resolution	Accuracy
400mV	0.1mV	±1.5% of rdg + 15d digits	400µA	0.1µA	±1.5% of rdg + 5d digits
4V	1mV	±0.8% of rdg + 6d digits	4000µA	1µA	
40V	10mV		40mA	10µA	
400V	100mV	±1.0% of rdg + 6d digits	400mA	100µA	±2.0% of rdg + 10d digits
750V	1V		4A	1mA	
			20A	10mA	

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

CAPACITANCE			FREQUENCY		
Range	Resolution	Accuracy	Range	Resolution	Accuracy
4nF	1pF	±3.5% of rdg + 8d digits	10Hz	0.001Hz	±0.5% of rdg + 4d digits
40nF	10pF		100Hz	0.01Hz	
400nF	100pF		1000Hz	0.1Hz	
4µF	1nF	±5.0% of rdg + 8d digits	10kHz	1Hz	±0.5% of rdg + 4d digits
40µF	10nF		100kHz	10Hz	
200µF	100nF		1MHz	100Hz	
			30MHz	1kHz	

LOGIC TEST			TEMPERATURE		
Range	Resolution	Accuracy	Range	Resolution	Accuracy
TTL	▲	>2.5V ± 0.8V	(-40-1000)°C	<400°C±1.0% of rdg + 5d digits ≥400°C±1.5% of rdg + 15d digits	1°C
Logic	▼	<0.8V ± 0.5V			
CMOS	▲	>4.0V ± 1.0V			
Logic	▼	<2.0V ± 0.5V			

Special Function

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

- Standard Accessories : Test Leads, Manual, TP 04 Temperature Probe
- Dimension : 170(H) x 86(W) x 35(D)mm

