

Digital MultiMeter

8302 4 1/2 DIGIT DIGITAL MULTIMETER

Features

- Bench type Digital Multimeter with 4 1/2 digit (LED)display.
- Basic accuracy for DCV ; 0.05 %
- Overload protection on all range
- AC/DC Voltage measurement(Up to DC 1000V, AC 750V)
- AC/DC Current measurement (Up to 10A)
- Resistance measurement (Up to 20Mohm)
- Frequency Measurement (Up to 200kHz)
- Audible continuity test and Diode test



Technical Specifications

FUNCTION		SPECIFICATION		
DC Voltage	Range	Resolution	Accuracy	Impedance
	2 V	100 μ V	$\pm(0.05\% + 5d)$	10 Mohm
	20 V	1 mV		
	200 V	10 mV	$\pm(0.1\% + 5d)$	
1000 V	100 mV			
AC Voltage	Range	Resolution	Accuracy	Impedance
	2 V	100 μ V	$\pm(0.75\% + 10d)$	10 Mohm
	20 V	1 mV		
	200 V	10 mV		
750 V	100 mV			
DC Current	Range	Resolution	Accuracy	Over Load Protection
	2 mA	100 nA	$\pm(0.5\% + 5d)$	2A / 250V
	20 mA	1 μ A		
	200 mA	10 μ A	$\pm(0.75\% + 5d)$	10A / 250V
	2000 mA	100 μ A		
10 A	1 mA			
AC Current	Range	Resolution	Accuracy	Over Load Protection
	2 mA	100 nA	$\pm(0.75\% + 10d)$	2A / 250V
	20 mA	1 μ A		
	200 mA	10 μ A		
	2000 m	100 μ A		
10 A	1 mA	$\pm(1.0\% + 10d)$	10A / 250V	
Resistance	Range	Resolution	Accuracy	Over Load Protection
	2 kohm	0.1 ohm	$\pm(0.2\% + 5d)$	600 V DC or AC Peak
	20 kohm	1 ohm		
	200 kohm	10 ohm		
	2 Mohm	100 ohm	$\pm(1\% + 10d)$	
20 Mohm	1Kohm			
Frequency	Range	Resolution	Accuracy	Over Load Protection
	20KHz	1Hz	$\pm(1.0\% + 5d)$	600 V DC or AC peak
	200KHz	10Hz	$\pm(2.0\% + 5d)$	
Continuity	Test Voltage : 2 V, Threshold : Less than 200 ohm, Over Load Protection : 600V DC or AC Peak			
Diode Test	Test Voltage : 2 V, Max. Test Current : Approx. 1 mA, Over Load Protection : 600V DC or AC Peak			
General	Power Requirement	115 or 230V AC +/- 10% , 48 to 60Hz		
	Dimension	240(W) X 270(D) X 90(H)mm		
	Weight	Approx. 2Kg		
	Accessories	Test Lead, Instruction Manual, Power Cord		