

CPM-8302A

Digital Multimeter



FEATURES

- 4 1/2 digits (19999 counter measurement)
- Equipped with 0.56 inch 5-digit FND screen
- DC voltage error range: 0.05%
- Built-in overload protection circuit
- AC/DC voltage and current measurement
- Resistor, diode, frequency and buzzer functions
- Data hold function

SPECIFICATIONS

- Screen: 0.56 inch 5-digit FND display
- Power: AC 115V/230V, 50/60Hz
- Dimension : 240(W) x 260(D) x 95(H) mm
- Weight: 2Kg
- Operating temperature : 0°C ~ 40°C (Standard guaranteed temperature: 25±5°C)
- Accessories : Power cord, test lead, spare fuse and user's guide manual

DC Voltage					
Range	Resolution		Accuracy	Impedance	
2V/20V/200V	100uV/1mV/10mV		±(0.05%+10d)	10MΩ	
1200V	1000V	100mV	±(0.1%+5d)		
	1200V	100mV	±(0.3%+5d)		
AC Voltage					
Range	Resolution	Frequency	Accuracy	Impedance	
2V	100uV	40Hz to 60Hz	±(0.75%+10d)	10MΩ	
		60Hz to 1kHz	±(1.5%+10d)		
		1kHz to 5kHz	±(2.5%+10d)		
		5kHz to 10kHz	±(5.0%+10d)		
20V	1mV	40Hz to 60Hz	±(0.75%+10d)		
		60Hz to 1kHz	±(2.5%+10d)		
		1kHz to 5kHz	±(5.0%+10d)		
		5kHz to 10kHz	±(10%+10d)		
750V	100mV	40Hz to 50Hz	±(1.0%+10d)		
		50Hz to 60Hz	±(0.75%+10d)		
		60Hz to 1kHz	±(2.5%+10d)		
		400Hz to 1kHz	±(5%+10d)		
Audible Continuity					
Test Voltage	Threshold		Overload Protection		
3V	Under 200Ω		600V DC or Peak		
Diode Test					
Test Voltage	Test Current (Max.)		Overload Protection		
2V	Approx. 1.0mA		600V DC or Peak		

DC Current					
Range	Resolution	Accuracy	Overload protection		
2mA/20mA/200mA	100nA/1uA/10uA	±(1.0%+5d)	2A/250V		
2A	100uA	±(1.0%+10d)			
20A	1mA	±(1.0 %+10d)	15A/250V		
AC Current					
Range	Resolution	Frequency	Accuracy	Impedance	
2mA	100nA	40Hz to 50Hz	±(1.5%+10d)	2A/ 250V	
20mA	1uA	50Hz to 60Hz	±(0.75%+10d)		
200mA	10uA	60Hz to 1kHz	±(2.0%+10d)		
		1kHz to 5kHz	±(3.0%+10d)		
2000mA	100uA	40Hz to 50Hz	±(1.5%+10d)	15A/ 250V	
		50Hz to 60Hz	±(1.0%+10d)		
		60Hz to 1kHz	±(2.0%+10d)		
		1kHz to 5kHz	±(3.0%+10d)		
20A	1mA	40Hz to 50Hz	±(1.5%+10d)		
		50Hz to 60Hz	±(1.0%+10d)		
		60Hz to 1kHz	±(2.0%+10d)		
		1kHz to 2kHz	±(3.0%+10d)		
Resistance					
Range	Resolution	Accuracy	Overload Protection		
2kΩ/20kΩ/200kΩ /2MΩ	0.1Ω/1Ω/10Ω /100Ω	± (0.2%+5d)	600V DC or AC Peak		
20MΩ	1kΩ	± (1%+10d)			
Frequency					
Range	Resolution	Accuracy	Overload Protection		
20kHz	1Hz	± (1.0%+5d)	600V DC or AC Peak		
200kHz	10Hz	± (2.0%+5d)			