

"Portable but not Pocketable"

Features 3½ Digit 0.5" LCD, Battery Operated >7000 Hours Battery Life, 0.1% Basic DC accuracy, True RMS Continuity Buzzer, AC/DC Voltage ranges, Resistance ranges, Diode Test

Specifications

DC Voltage	Range	Resolution	Accuracy
	200m	100µV	
	2V	1mV	
	20V	10mV	}±(0.1% rdg + 1dgt)
	200	100mV	
	1000V	1V	

DC Current	Range	Resolution	Accuracy
	200µA	100nA	
	2mA	1µA	
	20mA	10µA	}±(0.15% rdg + 1 dgt)
	200mA	100µA	
	2000mA	1mA	±(0.3% rdg + 1 dgt)
	10A	10mA	±(2% rdg + 3 dgt)

Overload protection:
 2A(250V) fuse except 10A range.
 Max input on 10A range is 20A for 10 seconds.
 Maximum Voltage burden:<1V 2000mA range.
 200mV all other ranges.

AC Voltage, "True RMS"

Range	Resolution	Accuracy		
		45Hz - 1kHz	1kHz -10kHz	10kHz-20kHz
200mV	100µV	±(0.5%rdg+2d)	±(1.5%rdg+2d)	±(3%rdg+5d)
2V	1mV	±(0.5%rdg+2d)	±(1.5%rdg+2d)	±(5%rdg+5d)
20V	10mV	±(0.5%rdg+2d)	±(2%rdg+2d)	±(5%rdg+5d)
			45Hz - 400Hz	400Hz - 2kHz
10kHz				2kHz -
200V	100mV	±(0.5%rdg+2d)	±(3%rdg+5d)	±(5%rdg+5d)
750V	1V	±(0.5%rdg+2d)		

Accuracy specifications apply for inputs between 20% and 100% of full scale.

AC Current

Range	Resolution	Accuracy
		45Hz - 1kHz
200µA	100nA	
200µA	1µA	
20mA	10µA	}±(1%rdg + 2dgt)
200mA	100µA	
200mA	1mA	
10A	10mA	±(2.5%rdg + 2dgt)

Overload Protection

2A (250V)fuse except 10A range
 Input on 10A range is 20A for 10 seconds

Resistance

Range	Resolution	Accuracy
200R	100mR	
2kR	1R	
20kR	10R	}±(0.15%rdg + 1dgt)
200kR	100R	
2000kR	1kR	±(0.2%rdg + 1dgt)
20MR	10kR	±(1%rdg + 2dgt)

Maximum Permissible

Input Voltage: 250V DC or AC rms
 Full Scale Voltage: 200R, and 2kR: <0.5V

20kR, 200kR, 2000kR and 20MR: >0.7V

- Diode Test The 20kR range has sufficient full-scale voltage to turn on a silicon diode at a current of approximately 100 μ A.
- Continuity Test When the continuity tester is selected an internal audible "Beeper" sounds when the resistance between the test probes is less than approximately 50R.
- Mains powered version available (Black Star 3210MP)
Specifications as battery model