

ELECTRICAL SPECIFICATIONS

Accuracy : ± (% reading + digit) at 23 ± 5°C less than 75% RH.

DC VOLTAGE

Range	Resolution	Accuracy
200 mV	100 μV	±(0.5%rdg + 1dgts)
2 V	1 mV	
20 V	10 mV	
200 V	100 mV	
1000 V	1 V	

Input Impedance : 10MΩ
Overload Protection : 500V DC / 350V AC for 15 sec.on
the 200mV range, 1200V DC / 800V AC on all other ranges

DC CURRENT

Range	Resolution	Accuracy
200 μA	100 nA	±(1.0%rdg + 1dgt)
2 mA	1 μA	
20 mA	10 μA	
200 mA	100 μA	
10 A	10 mA	±(2.0%rdg + 3dgts)

Overload Protection : 10A Input fused upto 12A for 30 sec.
Other range Input, 0.8A/250V Fuse.
Voltage Burden : 10A range 700mV MAX.

AC CURRENT

Range	Resolution	Accuracy
200 μA	100 nA	±(1.2%rdg + 4dgts)
2 mA	1 μA	
20 mA	10 μA	
200 mA	100 μA	
10 A	10 mA	±(2.0%rdg + 4dgts)

Overload Protection : 10A Input fused upto 12A for 30 sec.
Other range Input, 0.8A/250V Fuse.
Voltage Burden : 10A range 700mV MAX.

AC VOLTAGE

Range	Resolution	Accuracy
200 mV	100 μV	±(1.0%rdg + 4dgts)
2 V	1 mV	
20 V	10 mV	
200 V	100 mV	
1000 V	1 V	±(1.5%rdg + 4dgts)

Input Impedance : 10MΩ
Overload Protection : 500V DC / 350V AC for 15 sec. on
the 200mV range, 1200V DC / 800V AC on all other ranges

CONTINUITY TEST

Audible Sound Buzzer
Less than 100Ω

Overload Protection :
500V DC or AC rms

RESISTANCE

Range	Resolution	Accuracy
200 Ω	0.1 Ω	±(1.0%rdg + 3dgts)
2 KΩ	1 Ω	±(0.8%rdg + 1dgt)
20 KΩ	10 Ω	
200 KΩ	100 Ω	
2000 KΩ	1 KΩ	
20 MΩ	10 KΩ	±(3.0%rdg + 3dgts)
200 MΩ	100 KΩ	±(5.0%rdg -10dgts)

Overload Protection : 500V DC/AC
Test Voltage : 200 Ω range 3.2V MAX., 20MΩ range 3.0V
MAX, 200MΩ range 3.2V MAX., Other range 3.0V MAX

TRANSISTOR hFE TEST

Range	Vce	Basic DC Current
0 to 1000	2.8V ± 0.4V	10 μA

DIODE TEST

Test Current	1.0 ± 0.6mA
Test Voltage	3.2V MAX.

Overload Protection : 500V DC or AC rms