

ELECTRICAL SPECIFICATIONS

Accuracy : $\pm$ (% reading + digit) at $23 \pm 5^{\circ}\text{C}$ less than 75% RH.

DC VOLTAGE

Range	Resolution	Accuracy
200 mV	100 μV	$\pm(0.5\%\text{rdg} + 1\text{dgt})$
2 V	1 mV	
20 V	10 mV	
200 V	100 mV	
600 V	1 V	

Input Impedance : $10\text{M}\Omega$

Overload Protection : 600 V DC for 15 sec on 200mV range,
600 VDC / AC on other range

AC VOLTAGE

Range	Resolution	Accuracy
200 V	100 mV	$\pm(3\%\text{rdg} + 4\text{dgts})$
600 V	1 V	

Input Impedance : $4.5\text{M}\Omega$

Overload Protection : 600 V DC / AC

DC CURRENT

Range	Resolution	Accuracy
2 mA	1 μA	$\pm(2.0\%\text{rdg} + 1\text{dgt})$
20 mA	10 μA	
200 mA	100 μA	
10 A	10 mA	$\pm(3.0\%\text{rdg} + 1\text{dgt})$

Overload Protection : 0.8A/250V Fuse; 10A / 25V fused.

Voltage Burden : 10A range 700mV MAX.

DIODE TEST

Range	Test Voltage	Accuracy
$1.0 \pm 0.6\text{mA}$	3.0V MAX	$\pm(3.0\%\text{rdg} + 3\text{dgts})$

Overload Protection : 500V DC / AC rms

FREQUENCY

Range	Accuracy
0 - 20 kHz	$\pm 2.5\%$

Overload Protection : 500V DC / AC rms

CONTINUITY TEST

Audible Sound Buzzer
Less than 100Ω

Overload Protection : 500V DC / AC rms

RESISTANCE

Range	Resolution	Accuracy
200 Ω	100 m Ω	$\pm(1.5\%\text{rdg} + 3\text{dgts})$
2 K Ω	1 Ω	$\pm(1.5\%\text{rdg} + 1\text{dgt})$
20 K Ω	10 Ω	
200 K Ω	100 Ω	
2 M Ω	1 K Ω	$\pm(3.0\%\text{rdg} + 3\text{dgts})$
20 M Ω	10 K Ω	

Overload Protection : 500V DC or AC rms

TRANSISTOR hFE TEST

Range	Vce	Basic DC Current
0 to 1000	$2.8\text{V} \pm 0.4\text{V}$	10 μA

BATTERY TEST

Range	Test Voltage	Accuracy
1.5 V	1 mV	$\pm(3.0\%\text{rdg} + 3\text{dgts})$
9 V	10 mV	

Load Current : 1.5V-150mA, 9V-6mA

Overload Protection : 500 V DC / AC rms