



1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as $\pm$ (% of readings + number of digits) at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, <80% R.H.

DC VOLTAGE

Range	Resolution	Accuracy	Input impedance	Overload protection
400mV	0.1mV	±(0.8%rdg+2dgt)	100MΩ	660VDC/ACrms
4V	0.001V		11MΩ	
40V	0.01V		10MΩ	
400V	0.1V			
600V	1V	±(1.0%rdg+2dgt)		

AC VOLTAGE

Range	Resolution	Accuracy (45 ÷ 500Hz)	Input impedance	Overload protection
4V	0.001V	±(1.0%rdg+3dgt)	11MΩ	660VDC/ACrms
40V	0.01V		10MΩ	
400V	0.1V			
600V	1V	±(1.0%rdg+2dgt)		

FREQUENCY

Range	Resolution	Accuracy	Overload protection
10Hz	0.001Hz	$\pm(0.8\%\text{rdg}+2\text{dgt})$	660VDC/ACrms
100Hz	0.01Hz		
1kHz	0.1Hz		
10kHz	1Hz		

RESISTANCE

Range	Resolution	Accuracy	Max open voltage	Overload protection
400Ω	0.1Ω	±(1.0%rdg+5dgt)	about 0.4VDC	600VDC/Acrms (60 sec)
4kΩ	0.001kΩ	±(1.0%rdg+3dgt)		
40kΩ	0.01kΩ			
400kΩ	0.1kΩ			
4MΩ	0.001MΩ	±(3.0%rdg+3dgt)		
40MΩ	0.01MΩ			

CONTINUITY TEST

Range	Buzzer	Max open voltage	Overload protection
$\rightarrow$)	R<50 Ω	About 1.5VDC	600Vrms

DIODE TEST

Range	Resolution	Accuracy	Max open voltage	Overload protection
$\rightarrow$	1mV	$\pm(0.5\%\text{rdg}+3\text{dgt})$	about 1.5VDC	600Vrms



2. GENERAL SPECIFICATIONS

Display:

- LCD Display, 3¾ dgt, 3999 counts, decimal points, unit symbol
- Display refresh: 3times/sec
- Automatic polarity indication
- "OL" overload indication

Features:

- HOLD
- RANGE for manual range
- REL for relative measurements
- AutoPowerOFF after 15 minutes of don't work

Low battery indication:

- "  " symbol is shown at display

Working temperature:

- 5°C to 40°C, <80%RH

Storage temperature:

- -10°C to 60°C, <70%HR

General information:

- Max altitude: 2000m
- Pollution degree: 2
- Insulation: class 2 (double insulation)

Power supply:

- 2 x1.5V alkaline battery type AAA, UM4, R03
- Life battery: about 200 hours

Dimensions:

- 200(L)x51(La)x30(H) mm.

Weight (included batteries):

- 150g

Applied standards:

- LVD: EN 61010-1 CAT IV 600V
- EMC: EN60326 (1997) + A1 (1997)

This product conforms to the prescriptions of the European directive on low voltage 2006/95/EEC and to EMC directive 2004/108/EEC

