



1. ELECTRICAL SPECIFICATIONS

Accuracy is calculated as $\pm [\%rdg + (\text{numbers of digits} \times \text{resolution})]$ at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, $<75\%HR$

DC VOLTAGE

Range	Resolution	Accuracy	Overload protection
200.0mV	0.1mV	$\pm(0.8\%rdg+1dgt)$	600VDC/ACrms
2.000V	0.001V		
20.00V	0.01V		
200.0V	0.1V		
600V	1V	$\pm(1.0\%rdg+2dgt)$	

Input impedance: $10M\Omega$

AC VOLTAGE

Range	Resolution	Accuracy (45 ÷ 400Hz)	Overload protection
200.0mV	0.1mV	Not specified	600VDC/ACrms
2.000V	0.001V	$\pm(1.5\%rdg+3dgt)$	
20.00V	0.01V		
200.0V	0.1V		
600V	1V		

Input impedance: $10M\Omega$

RESISTANCE

Range	Resolution	Accuracy	Open voltage	Overload protection
200.0 Ω	0.1 Ω	$\pm(1.0\%rdg+8dgt)$	about 3.0V	600VDC/Acrms (< 30sec)
2.000k Ω	0.001k Ω	$\pm(1.0\%rdg+3dgt)$		
20.00k Ω	0.01k Ω			
200.0k Ω	0.1k Ω			
2.000M Ω	0.001M Ω			
20.00M Ω	0.01M Ω	$\pm(3.0\%rdg+3dgt)$		

DIODE TEST

Range	Resolution	Open voltage	Overload protection
	1mV	approx 1.5VDC	600VACrms (< 30sec)

Overload protection: 600Vrms

CONTINUITY TEST

Range	Buzzer	Open voltage	Overload protection
	R<120 Ω	approx 1.5VDC	600VACrms (< 30sec)



2. GENERAL SPECIFICATIONS

Display:

- LCD display, 3 ½ digit with maximum reading 1999 counts with sign and decimal point
- Automatic polarity indication.
- "OL" over range indication

Features:

- MAX
- HOLD
- RANGE for manual selection
- Auto Power OFF after 15 minutes of don't work

Low battery indication:

- The symbol "  " appears when the battery voltage is low

Operating temperature:

- -5°C to 40°C, <80%HR

Storage temperature:

- -10°C to 60°C, <70%HR

General informations:

- Altitude max of use: 2000m
- Pollution degree: 2
- Insulation: double insulation

Power supply:

- 2 x 1.5V alkaline batteries type AAA MN2400 LR03 AM4

Dimensions (L x W xH):

- 163 x 88 x 48 mm

Weight (included batteries):

- 280g

Reference guidelines:

- Safety : IEC/EN61010-1 CAT IV 600V – CAT III 1000V
- EMC: IEC/EN61326-1

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

This product conforms to the prescriptions of the European directive 2011/65/EU (RoHS) and the European directive 2012/19/EU (WEEE)