



1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as \pm (%reading + number of dgt) at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, $<80\%RH$

DC VOLTAGE

Range	Resolution	Accuracy	Overload protection
200.0mV	0.1mV	$\pm(0.8\%rdg+2dgt)$	600VDC/AC RMS
2.000V	0.001V	$\pm(1.5\%rdg+2dgt)$	
20.00V	0.01V		
200.0V	0.1V		
600V	1V	$\pm(2.0\%rdg+2dgt)$	

Input impedance: $10M\Omega$

AC VOLTAGE

Range	Resolution	Accuracy (50 ~ 60Hz)	Overload protection
200.0mV	0.1mV	$\pm(1.5\%rdg+3.5mV)$	600VDC/AC RMS
2.000V	0.001V	$\pm(1.8\%rdg+8dgt)$	
20.00V	0.01V		
200.0V	0.1V		
600V	1V	$\pm(2.5\%rdg+8dgt)$	

Input impedance: $10M\Omega$

AC CURRENT

Range	Resolution	Accuracy (50 ~ 60Hz)	Overload protection
2.000A	0.001A	$\pm(2.5\%rdg+10dgt)$	600ARMS
20.00A	0.01A	$\pm(2.5\%rdg+4dgt)$	
200.0A	0.1A		
600.0A	1A	$\pm(4.0\%rdg+8dgt)$	

Bandwidth: $50 \div 60\text{Hz}$

RESISTANCE AND CONTINUITY TEST

Range	Resolution	Accuracy	Buzzer	Overload protection
200.0 Ω	0.1 Ω	$\pm(1.0\%rdg+4dgt)$	$\leq 150\Omega$	250VDC/AC RMS
2.000k Ω	0.001k Ω	$\pm(1.5\%rdg+2dgt)$		
20.00k Ω	0.01k Ω			
200.0k Ω	0.1k Ω			
2.000M Ω	0.001M Ω	$\pm(2.5\%rdg+3dgt)$		
20.00M Ω	0.01M Ω	$\pm(3.5\%rdg+5dgt)$		

DIODE TEST

Range	Test current	Open voltage
	0.3mA typical	1.5VDC



2. GENERAL SPECIFICATIONS

Display:

- The liquid crystal display (LCD) is 3 ½ digits with maximum reading 2000 counts.
- Decimal point and symbol indication
- Automatic polarity indication
- Backlight

Measuring rate:

- 2 times/second
- Conversion: mean value

Low battery indication:

- The " BAT " symbol is shown when the battery voltage drops is low

Operating temperature:

- 5°C to 40°C, <80 %RH

Storage temperature:

- -20°C to 60°C, <80%RH

General informations:

- Altitude up to 2000m
- Pollution degree: 2
- Insulation: double insulation
- Max. diameter conductor: 30mm

Power supply:

- 1x9V battery tipo NEDA 1604 IEC 6F22
- AutoPowerOFF after 15 minutes of idleness

Sizes:

- 197(L)x 70 (W) x 40 (H)

Weight:

- 180g (included battery)

Applied standards:

- LVD: IEC/EN 61010-1 CAT III 600V to ground
- EMC: EN60326

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