



1. ELECTRICAL SPECIFICATIONS

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

DC VOLTAGE

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

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

AC VOLTAGE

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

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

AC CURRENT

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

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

RESISTANCE AND CONTINUITY TEST

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

DIODE TEST

Range	Test current	Open voltage
	0.3mA typical	1.5VDC



2. GENERAL SPECIFICATIONS

Display:

- LCD, 3 ½ dgt, 2000 points plus sign and decimal point
- Automatic polarity indication
- Backlight

Measuring rate:

- 2 times/second
- Conversion: mean value

Low battery indication:

- "BAT" appears when the battery voltage is low

Operating temperature:

- 5°C to 40°C, <80 %RH

Storage temperature:

- -20°C to 60°C, <80%RH

General information:

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

Power supply:

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

Size:

- 197(L)x70(W)x40(H) mm

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