



1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as \pm (%rdg + numbers of digits) at 23°C \pm 5°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 Ω

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 Ω

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	circa 1.5VDC	600VACrms (< 30sec)

Overload protection: 600Vrms

TEST CONTINUITY

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

TEMPERATURE WITH TYPE K PROBE

Range	Resolution	Accuracy	Overload protection
-40°C ÷ 1°C	1°C	$\pm 5^\circ\text{C}$	600VACrms (< 30sec)
0°C ÷ 800°C		$\pm(2.0\%rdg+3dgt)$	
-40°F ÷ 31°F	1°F	$\pm 9^\circ\text{C}$	
32°F ÷ 1382°F		$\pm(2.0\%rdg+5dgt)$	



2. GENERAL SPECIFICATIONS


Display:

- LCD display, 3 ½ digit with maximum reading 1999 counts with sign and decimal point
- Automatic polarity indication
- Backlight
- "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: 2000m
- Pollution degree: 2
- Insulation: double insulation

Power supply:

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

Sizes:

- 163(L)x88(W)x48(H) mm

Weight (included batteries):

- 280g

Applied standards:

- LVD: EN 61010-1 CAT IV 600V – CAT III 1000V
- 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