

1. ELECTRICAL SPECIFICATIONS

Accuracy indicated as $\pm$ [% reading + (number dgt * resolution)] at 18°C $\div$ 25°C, <75%RH

DC VOLTAGE

Range	Resolution	Accuracy	Input impedance	Overload protection
200.0mV	0.1mV	±(0.5%rdg+3dgt)	> 1MΩ	200Vrms
2.000V	0.001V			600V DC/AC
20.00V	0.01V			
200.0V	0.1V			
600V	1V	±(0.8%rdg+3dgt)		

AC VOLTAGE

Range	Resolution	Accuracy	Input impedance	Overload protection
200.0V	0.1V	$\pm(1.2\%rdg+10dgt)$	> 1M Ω	600V DC/AC
600V	1V			

Frequency range: 50Hz $\div$ 60Hz

DC CURRENT

Range	Resolution	Accuracy	Overload protection
200.0 μ A	0.1 μ A	$\pm(1.0\%rdg+5dgt)$	Fast Fuse 200mA / 600V
20.00mA	0.01mA		
200.0mA	0.1mA	$\pm(1.2\%rdg+5dgt)$	Fast Fuse 10A / 600V
10.00A	0.01A	$\pm(3.0\%rdg+5dgt)$	

RESISTANCE AND CONTINUITY TEST

Range	Resolution	Accuracy	Buzzer	Overload protection
200.0Ω	0.1Ω	±(1.0%rdg+5dgt)	<40Ω	250Vrms < 15sec
2.000kΩ	0.001kΩ			
20.00kΩ	0.01kΩ			
200.0kΩ	0.1kΩ			
2.000MΩ	0.001MΩ	±(1.5%rdg+5dgt)		

DIODE TEST

Function	Test current	Max. open voltage
	<1mA	2VDC

BATTERY TEST

Range	Resolution	Accuracy	Test current
1.5V	10mV	$\pm(1.0\%rdg+2dgt)$	100mA
9V			6mA



2. GENERAL SPECIFICATIONS

Display

- LCD, 3½ dgt, 2000 points plus sign and decimal point
- Automatic polarity indication
- Backlight
- “OL” overrange indication

Features

- Data HOLD

Low battery indication

- “+” appears when the battery voltage is low

Operating temperature

- 0°C ÷ 50°C, <70%RH

Storage temperature

- -20°C ÷ 60°C, <80%RH

General information

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

Power supply

- 2x1.5V batteries type AAA LR03
- Battery life: ca 30h (backlight ON), ca 130h (backlight OFF)
- Protection fuses: fast 10A/600V, 5x20mm (**10A** input),
fast 200mA/600V, 5x20mm (**mA** input)

Dimensions (L x W x H)

- 125 x 70 x 40mm
- Mechanical protection: IP40

Weight (included battery)

- 150g

Applied standards

- Safety : IEC/EN61010-1 CAT III 600V to ground
- EMC: IEC/EN61326-1

This instrument satisfies the requirements of Low Voltage Directive 2014/35/EU (LVD) and of EMC Directive 2014/30/EU

This instrument satisfies the requirements of 2011/65/EU (RoHS) directive and 2012/19/EU (WEEE) directive

