



HT14D

Rel. 1.00 of 03/12/14

Compact digital multimeter

Pag 1 of 2

1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as $\pm [\% \text{ reading} + (\text{number dgt} * \text{resolution})]$ at $18^{\circ}\text{C} \div 25^{\circ}\text{C}$, $<75\% \text{HR}$

DC VOLTAGE

Range	Resolution	Accuracy	Input impedance	Overload protection
200.0mV	0.1mV	±(0.5%rdg+2dgt)	> 1MΩ	200Vrms
2000mV	1mV			500V DC/AC
20.00V	0.01V			
200.0V	0.1V			
500V	1V	±(0.5%rdg+4dgt)		

AC VOLTAGE

Range	Resolution	Accuracy (50 $\div$ 60Hz)	Input impedance	Overload protection
200.0V	0.1V	$\pm(1.2\% \text{rdg} + 10 \text{dgt})$	$> 1 \text{M}\Omega$	500V DC/AC
500V	1V			

DC CURRENT

Range	Resolution	Accuracy	Overload protection
2000 μA	1 μA	$\pm(1.2\% \text{rdg} + 2 \text{dgt})$	Fast Fuse 200mA / 600V
200.0mA	0.1mA	$\pm(1.5\% \text{rdg} + 2 \text{dgt})$	

RESISTANCE

Range	Resolution	Accuracy	Overload protection
200.0 Ω	0.1 Ω	$\pm(0.8\% \text{rdg} + 4 \text{dgt})$	250Vrms $< 15 \text{sec}$
2000 Ω	1 Ω		
20.00k Ω	0.01k Ω		
200.0k Ω	0.1k Ω		
2000k Ω	1k Ω	$\pm(1.5\% \text{rdg} + 2 \text{dgt})$	

BATTERY TEST

Range	Resolution	Accuracy	Overload protection
9V	10mV	$\pm(1.2\% \text{rdg} + 2 \text{dgt})$	250Vrms $< 15 \text{sec}$



2. GENERAL SPECIFICATIONS

Display:

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

Features:

- Data HOLD

Low battery indication:

- "BAT" appears when the battery voltage is low

Operating temperature:

- 0°C to 50°C, <70%HR

Storage temperature:

- -20°C to 60°C, <80%HR

General information:

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

Power supply:

- 1x12V battery type MS21 / MN21
- Protection fuse: fast 200mA/600V, 5x20mm (**mA μ A** input)

Dimensions:

- 105(L) x 50(W) x 25(H) mm

Weight (included battery):

- 100g

Applied standards:

- Safety : IEC/EN61010-1 CAT III 300V, CAT II 600V to ground
- EMC: IEC/EN60326-1

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