1. ELECTRICAL SPECIFICATIONS

Accuracy is given as ± (% of reading + no. of least significant digits) at 23°C ± 5°C, with relative humidity Less than 80% R.H.

DC VOLTAGE

Range	Resolution	Accuracy	Overload protection
400.0mV	0.1mV	±(0.5%rdg+2dgt)	1000VDC 750Vrms
4.000V	0.001V		
40.00V	0.01V		
400.0V	0.1V		
1000V	1V		

Input impedance: 10MΩ // less 100pF

AC VOLTAGE (TRMS)

Range	Resolution	Accuracy (50~500Hz)	Overload protection
400.0mV	0.1mV	Not specified	1000VDC 750Vrms
4.000V	0.001V	±(1.3%rdg+5dgt) (50 ÷ 300Hz)	
40.00V	0.01V		
400.0V	0.1V	±(1.2%rdg+5dgt) (50 ÷ 500Hz)	
750V	1V		

Input impedance: 10MΩ // less 100pF

DC CURRENT

Range	Resolution	Accuracy	Output voltage	Overload protection
400.0µA	0.1µA	±(1.0%rdg+2dgt)	<4mV/µA	600Vrms
4000µA	1µA			
10A	10mA		2V max	Fast fuse 10A / 1000V

AC CURRENT (TRMS)

Range	Resolution	Accuracy 50 ~ 500Hz	Output voltage	Overload protection
10A	10mA	±(1.5%rdg+5dgt)	2V max	Fast fuse 10A / 1000V

RESISTANCE

Range	Resolution	Accuracy	Open voltage	Overload protection
400.0Ω	0.1Ω	±(1.0%rdg+5dgt)	1.3V	600Vrms
4.000kΩ	0.001kΩ	±(0.7%rdg+2dgt)		
40.00kΩ	0.01kΩ			
400.0kΩ	0.1kΩ			
4.000MΩ	0.001MΩ	±(1.0%rdg+2dgt)		
40.00MΩ	0.01MΩ	±(1.5%rdg+2dgt)		

HT ITALIA SRL
Via della Boaria 40 - 48018 Faenza (RA)- Italy
Tel: +39-0546-621002 - Fax: +39-0546-621144
email: export@htitalia.it - web: http://www.htitalia.com

FREQUENCY

Range	Resolution	Accuracy	Sensitivity	Overload protection
4000Hz	1Hz	±(0.01%rdg+1dgt)	>1.5VACrms <5VACrms	600Vrms
40.00kHz	0.01kHz			
400.0kHz	0.1kHz			
4.000MHz	0.001MHz		>2VACrms <5VACrms	
40.00MHz	0.01MHz			

CAPACITANCE

Range	Resolution	Accuracy	Overload protection
4.000nF	0.001nF	±(3.0%rdg+10dgt)	600Vrms
40.00nF	0.01nF	±(2.0%rdg+8dgt)	
400.0nF	0.1nF		
4.000µF	0.001µF		
40.00µF	0.01µF		
400.0µF	0.1µF		
4.000mF	0.001mF	±(5.0%rdg+2dgt)	
40.00mF	0.01mF		

DIODE TEST

Range	Resolution	Accuracy	Test current	Open Voltage
⊣▶⊢	10mV	±(1.5%rdg+5dgt)	1.5mA	<3V

Overload protection: 600Vrms

TEST CONTINUITY

Range	Buzzer	Overload protection
•))	R<450Ω	600Vrms

HT ITALIA SRL
Via della Boaria 40 - 48018 Faenza (RA)- Italy
Tel: +39-0546-621002 - Fax: +39-0546-621144
email: export@htitalia.it - web: http://www.htitalia.com

2. GENERAL SPECIFICATIONS

Display:
- LCD display, 4 digit with maximum reading 4000 counts with analogical bargraph
- Automatic polarity indication.
- "**OL**" over range indication

Features:
- MAX and MIN
- HOLD
- Manual Range selection
- PEAK
- REL
- Backlight
- RS-232 interface
- AutoPowerOFF after 30 minutes

Measuring rate:
- 1.5 times per second.

Low battery indicator:
- The " [+ -] " appears when the battery voltage is low

Operating temperature:
- 0°C to 30 °C, <80%RH

Storage temperature:
- -20°C to 60°C, <80%RH

General informations:
- Altitude up to 2000m
- Pollution degree: 2
- Insulation: class 2 (double insulation)

Power supply:
- Single 9V alkaline battery type NEDA1604, JIS006P, IEC6F22

Dimension(with holster):
- 164(L)x82(W)x44(H) mm.

Weight (included battery):
- 400g

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