1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as [% rdg + dgt]. It is referred to the following reference conditions: 23°C ± 1°C with RH < 75%.

AC TRMS Voltage (from 10% to 100% f.s.)

Range	Resolution	Accuracy (40Hz ÷ 1kHz)	Input impedance	Overload protection
750V	1V	±(1.5%rdg + 5dgt)	10MΩ	1000VDC / 750 VAC

AC TRMS Current

Range	Resolution	Accuracy (50Hz ÷ 60Hz)	Overload protection
40mA	0.01mA	±(1.5%rdg+ 5dgt)	1A
400mA	0.1mA		10A
4A	1mA		100A
90A	0.1A	±(2.0%rdg+ 10dgt)	400A

Resistance

Range	Resolution	Accuracy	Max open voltage	Overload protection
400Ω	0.1Ω	±(1.0%rdg+ 2dgt)	0.35V	600VACRMS

Frequency (with test leads)

Range	Resolution	Accuracy	Max sensitivity	Overload protection
4kHz	0.001kHz	±(0.8%rdg+ 3dgt)	3Vrms	600VACRMS2
30kHz	0.01kHz			

Continuity test

Range	Resolution	Buzzer	Max open voltage	Overload protection
400Ω	0.1Ω	R<40Ω	0.35V	600VACRMS

2. GENERAL SPECIFICATIONS

Functions

- Data HOLD and PEAK HOLD features
- PEAK HOLD response time: 100ms

Safety compliance

Comply with:	EN 61010-1, EN61010-032-1
EMC:	EN61326 (1997) + A1 (1998) + A2 (2001)
Insulation:	Class 2, Double insulation
Pollution degree:	2
Max altitude:	2000m
Overvoltage category:	CAT II 1000V for Voltage measure CAT III 600V for Voltage measure CAT IV 600V for Current measure

General

Mechanical characteristics

Size:	250(L) x 85(La) x 46(H)mm
Weight (including battery):	about 400g
Max conductor size:	30mm

Supply

Battery type:	1 battery 9V NEDA 1604 IEC 6F22 JIS 006P.
Low battery indication:	"+ -" is displayed when the battery level is too low.
Battery life:	about 200 hours

Display

Characteristics:	3¾ dgt 3999 counts, decimal point, unit symbol indication
Sample rate:	2.5 times/sec
Conversion mode:	TRMS

ENVIRONMENTAL CONDITIONS

Climatic conditions

Reference temperature:	23° ± 1°C
Operating temperature:	5 ÷ 40 °C
Operating humidity:	<80% RH
Storage temperature:	-10 ÷ 60 °C
Storage humidity:	<80% RH

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