1. TECHNICAL SPECIFICATIONS

Accuracy is given as ± [% of reading + values] at 25°C, <70%RH

TEMPERATURE WITH TYPE K PROBE

Range	Resolution	Accuracy (*)	Overload protection
-250°C ÷ 1372°C	0.1°C	±(1%rdg+ 1°C) (T<-99.9°C) ±(1%rdg+0.5°C) (T≥ -99.9°C)	60V DC 24V AC rms
-418°F ÷ 2502°F	0.1°F	±(1%rdg+ 1.8°F) (T<-148°F) ±(1%rdg+0.9°F) (T≥ -148°F)	

(*) Accuracy is referred to the meter only without external probes

TEMPERATURE WITH TYPE J PROBE

Range	Resolution	Accuracy (*)	Overload Protection
-200°C ÷ 1000°C	0.1°C	±(1%rdg+ 1°C) (T<-99.9°C) ±(1%rdg+0.5°C) (T≥ -99.9°C)	60V DC 24V AC rms
-328°F ÷ 1832°F	0.1°F	±(1%rdg+ 1.8°F) (T<-148°F) ±(1%rdg+0.9°F) (T≥ -148°F)	

(*) Accuracy is referred to the meter only without external probes

TEMPERATURE WITH TYPE T PROBE

Range	Resolution	Accuracy (*)	Overload Protection
-250°C ÷ 400°C	0.1°C	±(1%rdg+ 1°C) (T<-99.9°C) ±(1%rdg+0.5°C) (T≥ -99.9°C)	60V DC 24V AC rms
-418°F ÷ 752°F	0.1°F	±(1%rdg+ 1.8°F) (T<-148°F) ±(1%rdg+0.9°F) (T≥ -148°F)	

(*) Accuracy is referred to the meter only without external probes

2. GENERAL SPECIFICATIONS

Mechanical characteristics

Dimensions of instrument (L x W x H):	190 x 65 x 45mm; (7 x 3 x 2in)
Weight of instrument (including battery):	235g (8 ounces)
Mechanical protection:	IP40

Power supply

Battery type:	1 battery 9V NEDA 1604 IEC 6F22 JIS 006P.
Low battery indication:	"  " symbol is displayed
Battery life:	ca 50h (backlight ON), ca 210h (backlight OFF)
Auto power OFF:	about 15 minutes of idleness

Display

Characteristics:	double 4 LCD, sign, decimal point and backlight
Sample rate:	3times/s

Climatic conditions

Reference temperature:	25°C ; (77°F)
Operating temperature:	0°C ÷ 50 °C ; (32°F ÷ 122°F)
Operating humidity:	<70%RH
Storage temperature:	-10°C ÷ 60°C ; (14°F ÷ 140°F)
Storage humidity:	<70%RH
Max height of use:	(6562ft)

This instrument satisfies the requirements of EMC Directive 2014/30/EU
This instrument satisfies the requirements of European Directive 2011/65/EU (RoHS) and 2012/19/EU (WEEE)

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