



1. TECHNICAL SPECIFICATIONS

Accuracy is calculated as $\pm$ [values]. It is referred to 25°C, <70%RH

Air Temperature measurement

Measurement unit	Range	Resolution	Accuracy
°C	-20.0°C ÷ 60.0°C	0.1°C	$\pm 0.5^\circ\text{C}$
°F	-4.0°F ÷ 140.0°F	0.1°F	$\pm 0.9^\circ\text{F}$

Wet Bulb temperature measurement

Measurement unit	Range	Resolution	Accuracy
°C	-20.0°C ÷ 50.0°C	0.1°C	$\pm 1.0^\circ\text{C}$
°F	-4.0°F ÷ 122.0°F	0.1°F	$\pm 1.8^\circ\text{F}$

Dew Point temperature measurement

Measurement unit	Range	Resolution	Accuracy
°C	-26.0°C ÷ 50.0°C	0.1°C	$\pm 1.0^\circ\text{C}$
°F	-14.8°F ÷ 122.0°F	0.1°F	$\pm 1.8^\circ\text{F}$

Air Humidity measurement

Range	Resolution	Accuracy
0%RH ÷ 100%RH	0.1%RH	$\pm 3\%RH$

2. GENERAL SPECIFICATIONS

Mechanical characteristics

Dimensions (L x W x H):	270 x 65 x 45mm (11 x 3 x 2in)
Weight (battery included):	240g (9ounces)
Air temperature sensor:	digital sensor
Mechanical protection:	IP40

Features

Data HOLD
MAX/MIN

Mains supply

Battery type:	1x9V alkaline battery IEC 6F22.
Battery life:	ca 62 hours (backlight ON), ca 135hours (backlight OFF)
Auto power OFF:	about 15 minutes of idleness

Display

Double display:	4 LCD decimal point, sign and backlight
Updating speed:	3times/s

Climatic conditions

Reference temperature:	25°C (77°F)
Operating temperature:	0°C ÷ 50°C (32°F ÷ 122°F)
Operating humidity:	<80%RH
Storage temperature:	-10°C ÷ 60°C (14°F ÷ 140°F)
Storage humidity:	<80%RH
Max height of use:	2000m (6562ft)

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