

### DESCRIPTION

- It is used for measuring the ambient temperature, humidity, dew point temperature, wet bulb temperature, wind speed, and air volume.
- This has USB PC Interface cable and software for recording data on the PC
- This is a portable, professional measuring instrument with large-backlit LCD, multi-unit switching functions.
- This meter can be used for hand-held or fixed measurement.

### GENERAL SPECIFICATION

The meter is recalibrated under the condition of 18°C~28°C, relative humidity <75%.

Work height	: Maximum 2000m
Work mode	: Frequency of wind speed conversion
Display	: LCD
Maximum show value	: 9999
Sampling time	: About 0.4s/time
Low battery indicator	: $\pm$ sign displays on LCD
Work power	: 1×9V 6F22 battery
<b>Operation environment</b>	
Relative humidity	: 0~85%RH, non condensing
Temperature	: 0°C~40°C, non condensing
<b>Detector (fan) operation environment</b>	
Relative humidity	: 0~95%RH, non condensing
Temperature	: -20°C~80°C, non condensing
<b>Storage environment</b>	
Relative humidity	: 0~80%RH, non condensing
Temperature	: -10°C~50°C, non condensing
Dimension	: Meter → 165LX85 WX38Hmm
Weight	: About 200g
Max/Min	: Records Max & Minimum values
Has USB PC Interface for Data Recording	



### TECHNICAL SPECIFICATION

Ambient temperature : 23±5°C, Relative humidity : <75%

#### Wind Speed

##### m/s

Measuring Range	Resolution	Accuracy
0.80 ~ 30.00 m/s	0.01 m/s	±(2.0% reading + 50 characters)
30.00 ~ 40.00 m/s		For reference only

##### km/h

Measuring Range	Resolution	Accuracy
1.40~108.00 km/h	0.01km/h	±(2.0% reading + 50 characters)
108.0 ~ 144.0 km/h		For reference only

##### ft/s

Measuring Range	Resolution	Accuracy
1.30 ~ 98.50 ft/s	0.01 ft/s	±(2.0% reading + 50 characters)
98.50 ~ 131.20 ft/s		For reference only

##### knots

Measuring Range	Resolution	Accuracy
0.80 ~ 58.30 knots	0.01 knots	±(2.0% reading + 50 characters)
58.30~77.70 knots		For reference only

##### mil/h

Measuring Range	Resolution	Accuracy
0.90 ~ 67.20 mil/h	0.01mil/h	±(2.0% reading + 5 characters)
67.20~90.00 mil/h		For reference only

#### ft/m

Measuring Range	Resolution	Accuracy
78 ~ 5900 ft/m	1ft/m	±(2.0% reading + 5 characters)
5900 ~ 7874 ft/m		For reference only

#### Air Volume

Unit	Range	Area
CFM	0 - 99990	0 - 9.999 ft²
CMM	0 - 99990	0 - 9.999 m²
CMS	0 - 9999	0 - 9.999 m²

#### Ambient Temperature, Dew Point Temperature, Wet Bulb Temperature

Measuring Range	Resolution	Accuracy
-10°C~60°C	0.1°C	±1.5°C
14°F~+140°F	0.1°F	± 2.7°F

#### Relative Humidity

Measuring Range	Resolution	Accuracy
(20~80)%RH	0.1%RH	±3%RH@25°C
(<20 or >80)%RH	0.1%RH	±5%RH@25°C

#### Accessories

Battery (9V, NEDA 1604, 6F22)	1pc	Detector Bracket	1pc
Packaging Bag, CD	1pc	Operation Manual	1pc

\*Technical Specifications & Appearance are subject to change without prior notice