

Air Velocity Meter

Features

- ◆ 30mm 6 plastics vanes
- ◆ Breeze response 0.4m/s.
- ◆ Rapid response temperature sensor.
- ◆ Air flow calculate function.
- ◆ Max/Min/Avg and data hold.
- ◆ Auto power off with disable function.
- ◆ Low battery indication.
- ◆ Data logging capacity: 99 records.
- ◆ Memory recall function.
- ◆ Backlight function.
- ◆ Absolute Pressure Sensor.(TM-404)
- ◆ Humidity Sensor.
- ◆ DEW-POINT and WET-BULB temperature measurement.

TM-402, TM-403
TM-404

TM-402A, TM-403A
TM-404A



Specifications

Functions Cross table	Velocity	Flow	99 Record	Temperature	Humidity	Pressure
TM-402/TM-402A (With Pr401T)	●	●	●	●		
TM-403/TM-403A (With Pr401H)	●	●	●	●	●	
TM-404/TM-404A (With Pr401H)	●	●	●	●	●	●

Absolute Pressure

Unit	Range	Resolution	Accuracy
hPa	350~1100	0.1	±2
mmHg	263~825	0.1	±1.5
inHg	10.3~32	0.1	±0.1

Humidity

Unit	Range	Resolution	Accuracy@25°C
%RH	20~80	0.1	±3.5
%RH	<20 , >80	0.1	±5

Temperature

Unit	Range	Resolution	Accuracy
°C	-20~60	0.1	±1
°F	-4~140	0.1	±1.8

Velocity

Unit	Range	Resolution	Accuracy
m/s	0.4~20	0.1	≤10m/s ±(2.0%+0.5) >10m/s ±(2.5%+1)
Km/hr (kph)	1.5~72	0.1	≤36Km/hr ±(2.0%+1.8) >36Km/hr ±(2.5%+3.6)
mph	0.9~44	0.1	≤22mph ±(2.0%+1.1) >22mph ±(2.5%+2.2)
Knots (kts)	0.8~38	0.1	≤19Knots ±(2.0%+1) >19Knots ±(2.5%+1.9)
ft/min (fpm)	79~4000	1	≤2000ft/min ±(2.0%+100) >2000ft/min ±(2.5%+200)
Beaufor	1~8	1	-

Air Flow Calculation

Unit	Range	Resolution	Accuracy
CMM	0~9999	1	-
CFM	0~9999	1	-