

Air Velocity Meter

TM-412A~TM-414A

Features

- ◆ 45mm 4 plastics blade.
- ◆ Light air 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.
- ◆ Humidity Sensor.
- ◆ DEW-POINT and WET-BULB temperature measurement.



Specifications

Functions Cross table	Velocity	Flow	99 Record	Temperature	Humidity	Pressure
TM-412A (With Vane-02)	●	●	●	●	/	/
TM413A (WithVane-03)	●	●	●	●		
TM-414A (WithVane-03)	●	●	●	●		

Absolute Pressure

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

Temperature

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

Air Flow Calculation

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

Humidity

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

Velocity

Unit	Range	Resolution	Accuracy
m/s	0.4~30	0.1	≤10m/s ±(3.0+0.5) >10m/s ±(3.5%+1)
Km/hr (kph)	1.5~106	0.1	≤36Km/hr ±(3.0%+1.8) >36Km/hr ±(3.5%+3.6)
mph	0.9~66	0.1	≤22mph ±(3.0%+1.1) >22mph ±(3.5%+2.2)
Knots (kts)	0.8~58	0.1	≤19Knots ±(3.0%+1) >19Knots ±(3.5%+1.9)
ft/min (fpm)	79~5866	1	≤2000ft/min ±(3.0%+100) >2000ft/min ±(3.5%+200)
Beaufor	1~8	1	—