

# AIR VELOCITY METER

## TM-401/TM-402/TM-403/TM-404

TM-40X series measures air speed, temperature and humidity. It is ideal for spot measurements at air outlets on account of its 30mm vane. In addition to air speed and temperature, TM-404 also measures air moisture and absolute pressure. In this way, air conditions can be reliably checked.

### Features:

- 30mm 6 plastics blade
- Light air response 0.4m/s
- Air flow calculate function.
- Max/Min/Avg and data hold.
- Auto power off with disable function.
- Low battery indication.
- Datalogging capacity: 99 records.
- Memory recall function.
- Backlight function.
- Absolute Pressure Sensor
- Humidity Sensor

### Functions Cross Table

	Flow	Velocity	99 Record	Temperature	Humidity	Pressure
TM-401 (with Pr401)	√	√	√			
TM-402 (with Pr401T)	√	√	√	√		
TM-403 (with Pr401H)	√	√	√	√	√	
TM-404 (with Pr401H)	√	√	√	√	√	√

### SPECIFICATIONS

#### •Air velocity measurement:

Unit	Ranges	Resolution	Accuracy
m/s	0.4~25	0.1	±2%+0.2
Km/hr	1.5~90	0.1	±2%+0.8
mph	0.9~55	0.1	±2%+0.4
knots	0.8~48	0.1	±2%+0.4
ft/min	79~4921	1	±2%+40
Beaufort	1~10	1	—

#### •Air flow(Volume) calculate:

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

#### •Temperature measurement:

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

#### •Humidity measurement:

Unit	Ranges	Resolution	Accuracy
%RH	20~80	0.1	±3.5%RH
%RH	<20, >80	0.1	±5%RH

#### •Absolute Pressure measurement:

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

