

Hot-Wire Air Velocity Meter

TM-4001 / TM-4002

Features

- ◆ LCD triple display with LED backlight.
- ◆ Fast response probe.
- ◆ Instant, AVG and 2/3 V Max air flow measurement.
- ◆ Velocity m/s, ft/min, knots, km/hr, mph.
- ◆ Data hold, MAX/MIN function.
- ◆ Manual data memory and read function (99 records).
- ◆ Telescoping probe.
- ◆ Air flow volume.
- ◆ Temperature measurement.
- ◆ Humidity measurement (TM-4002).
- ◆ Dew point temperature and wet bulb temperature function(TM-4002).
- ◆ Probe tip diameter: 16mm.
- ◆ Handle diameter: 32mm.
- ◆ Probe wire length: 1.5m.
- ◆ Retractable length: 400mm to 1020mm.
- ◆ Dimension: 156x73x35mm (LxWxH).
- ◆ Weight: 250g.
- ◆ Power: Internal (6 batteries 1.5V AAA-UM4).



Specifications (23°C±5°C)

	Unit	Range	Resolution	Accuracy
Air flow (volume) calculation	CMM	0~9999	0.1	-
	CFM	0~9999	0.1	-
Temperature measurement	°C	-20~50	0.1	±1°C
	°F	-4~122	0.1	±1.8°F
Humidity range :5%~95% (TM-4002)	%RH	20~80	0.1	±3.5%RH
	%RH	<20, >80	0.1	±5%RH

	Unit	Range	Resolution	Accuracy
Air velocity measurement	m/s	0.01 ~ 25.00 m/s	0.01	≤10ms: ±(3% of reading +1.6%FS) >10m/s: ±(6% of reading +2% FS)
	Km/hr (kph)	0.02 ~ 90.00 km/hr	0.01	
	mph	0.12 ~ 55.9 mile/hr	0.01	
	Knots (kts)	0.11 ~ 48.6 knots	0.01	
	Ft / min (fpm)	0 ~ 4921.0 ft/min	0.1	
	Beaufort	1~10	1	N / A

	Models	Air speed	Flow	99 Records	Temperature	Humidity
Functions	TM-4001 (with HP-01)	●	●	●	●	
	TM-4002 (with HP-02)	●	●	●	●	●