



Tenmars TM-4001 Hot-Wire Anemometer Air Velocity Meter

SKU: TENTM4001BK
Manufacture Warranty period: 12 months
Country of Origin: Taiwan

Introduction

The TM-4001 hot wire anemometer is used to undertake measurements of air velocity and air temperature in spaces where the vane anemometer cannot be used, typically in HVAC ducts and vents. This instrument benefits from a LCD triple display, which can show both air speed and temperature, and the backlight makes this display easy to read in dimly lit areas. The TM-4001 is able to calculate both air velocity, and air volume and has a wide array of features designed to make testing simple and fast.

The TM-4001 hot wire anemometer lends itself to many applications, including air balancing, fire matrix testing, paint booths, ventilation systems, and environmental testing. The probe is housed within a telescopic device for access to hard, to reach areas.



Features

- Fast response telescoping probe.
- Air flow volume.
- Large LCD display.
- Displays air (wind) speed in meters/second, feet/minute, kilometers/hr, knots, and miles/hr.
- Displays maximum and minimum readings and holds any reading.
- Manual Data Memory and read function (99 records).
- Many applications include: warehouses, factories, office buildings, restaurants, schools, library, hospitals, photographic, video, parking garages, museums, art galleries, stadiums, building security.



Specifications

Temperature Measurement	
Range:	-20°C ~ 50°C / -4°F ~ 122°F
Resolution:	0.1°C / 0.1°F
Accuracy:	+/- 1°C / +/- 1.8°F
Air Velocity Measurement	
Unit: m/s	
Range:	0.01 ~ 25.00
Resolution:	0.01
Accuracy:	+/-3% of reading +/- 1.6%FS
Unit: Km/hr(kph)	
Range:	0.02 ~ 90.0
Resolution:	0.1
Accuracy:	+/-3% of reading +/- 1.6%FS
Unit: mph	
Range:	0.12 ~ 55.90
Resolution:	0.1
Accuracy:	+/-3% of reading +/- 1.6%FS
Unit: Knots(kts)	
Range:	0.11 ~ 48.60
Resolution:	0.01
Accuracy:	+/-3% of reading +/- 1.6%FS
Unit: ft/min(fpm)	
Range:	0 ~ 4921.0
Resolution:	0.1
Accuracy:	+/-3% of reading +/- 1.6%FS
Unit: Beaufort	
Range:	1 ~ 10
Resolution:	1
Air flow (Volume) calculate	
Unit: CMM	
Range:	0 ~ 9999
Resolution:	0.1
Unit: CFM	
Range:	0 ~ 9999
Resolution:	0.1

Dimension	
Meter Size	156x73x35 mm (LxWxH).
Meter Weight	250g (without batteries)
Display	60mm(W) x 47mm(L) monochrome LCD and backlight.
Wire length	1500mm
Wire Retractable length	400mm to 1020mm
Probe diameter of tip	16mm
Probe diameter of base	32mm
Probe Weight	240g
Internal Power	LR6 (AA) 1.5V x 6 Batteries
Battery life	approx. 10 hours
External Power	Power Adaptor AC/100- 240V to DC 9V/0.5A

Standards Certification

- CE
- ROHS

