



## Tenmars TM-4002 Hot-Wire Anemometer Air Velocity Meter with Temperature and Humidity



SKU: TENTM4002BK

Manufacture warranty period:

1. 12 months for meter only.
2. 30 days for Probe only.

### Description

The TM-4002 hot wire anemometer is used to undertake measurements of air velocity and air temperature / humidity 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-4002 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-4002 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, kilometer/hr, knots, and miles/hr.
- Displays maximum and minimum readings and holds any reading.
- Manual Data Memory and read function (99 records).
- Dew point, Wet Bulb calculation.
- Many applications include: warehouses, factories, office buildings, restaurants, schools, library, hospitals, photographic, video, parking garages, museums, art galleries, stadiums, building security.



## Specifications:

### Air Velocity Measurement:

- **Unit: m/s**
  - Range: 0.01 ~ 40.00
  - Resolution: 0.01
  - Accuracy: +/-3% of reading +/- 1%FS
- **Unit: Km/hr(kph)**
  - Range: 0.02 ~ 144.0
  - Resolution: 0.1
  - Accuracy: +/-3% of reading +/- 1%FS
- **Unit: mph**
  - Range: 0.12 ~ 89.5
  - Resolution: 0.1
  - Accuracy: +/-3% of reading +/- 1%FS
- **Unit: Knots(kts)**
  - Range: 0.01 ~ 77.75
  - Resolution: 0.01
  - Accuracy: +/-3% of reading +/- 1%FS
- **Unit: ft/min(fpm)**
  - Range: 0 ~ 7874.0
  - Resolution: 0.1
  - Accuracy: +/-3% of reading +/- 1%FS
- **Unit: Beaufort**
  - Range: 1 ~ 12
  - Resolution: 1

### Air flow (Volume) calculate:

- **Unit: CMM**
  - Range: 0 ~ 9999
  - Resolution: 0.1
- **Unit: CFM**
  - Range: 0 ~ 9999
  - Resolution: 0.1

### Temperature Measurement:

- Range: -20°C ~ 50°C / -4°F ~ 122°F
- Resolution: 0.1°C / 0.1°F
- Accuracy: +/- 1°C / +/- 1.8°F

### Humidity:

- Range: < 20% and > 80%
  - Resolution: 0.1%
  - Accuracy: +/- 5% Rh
- Range: 20% ~ 80%
  - Resolution: 0.1%
  - Accuracy: +/- 3.5% Rh

### Dimension

- Size: 156x73x35 mm (L x W x H).
- Weight: 250g
- Internal Power: AAA size 1.5V x 6 Batteries
- External Power: Power Adaptor AC/100-240V to DC 9V/0.5A

### Standards Certification:

- CE
- ROHS

### Package includes:

- TM-4002meter
- TM-4002 Probe
- User Manual
- 6 X AAA size batteries
- Soft carrying case