



## Tenmars TM-403 Air Velocity Meter, Temperature, and Humidity (30mm Vane)

SKU: TENTM403WH  
Manufacture Warranty period: 12 months  
Country of Origin: Taiwan

### Introduction

TM-40X series measure 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, it also measures air moisture and absolute pressure. In this way, air conditions can be reliably checked.

### Features

- 30mm x 6 plastic blades.
- 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.
- Humidity Sensor
- Many applications include: warehouses, factories, office buildings, restaurants, schools, library, hospitals, photographic, video, parking garages, museums, art galleries, stadiums, building security.



1. Primary display
2. Secondary display
3. Functional Symbol display area
4. Lower battery indication
5. Auto shutoff symbol indication
6. Units of Primary display
7. Units of Secondary display





## Specifications

<b>Temperature Measurement</b>	
Range:	-20°C ~ 60°C / -4°F ~ 140°F
Resolution:	0.1°C / 0.1°F
Accuracy:	+/- 1°C / +/- 1.8°F
<b>Humidity</b>	
Range:	< 20% and > 80%
Resolution:	0.1%
Accuracy:	±5% Rh
Range:	20% ~ 80%
Resolution:	0.1%
Accuracy:	±3.5% Rh
<b>Air Velocity Measurement:</b>	
<b>Unit: m/s</b>	
Range:	0.4 ~ 20
Resolution:	0.1
Accuracy:	±2% +0.2
<b>Unit: Km/hr(kph)</b>	
Range:	1.5 ~ 72
Resolution:	0.1
Accuracy:	±2% +0.8
<b>Unit: mph</b>	
Range:	0.9 ~ 44
Resolution:	0.1
Accuracy:	±2% +0.4
<b>Unit: Knots(kts)</b>	
Range:	0.8 ~ 38
Resolution:	0.1
Accuracy:	±2% +0.4
<b>Unit: ft/min(fpm)</b>	
Range:	79 ~ 4000
Resolution:	1
Accuracy:	±2% +40
<b>Unit: Beaufort</b>	
Range:	1 ~ 10
Resolution:	1
<b>Air flow (Volume) calculate</b>	
<b>Unit: CMM</b>	
Range:	0 ~ 9999
Resolution:	0.1
<b>Unit: CFM</b>	
Range:	0 ~ 9999
Resolution:	0.1

## General Specifications

Display	42mm(W) x 33mm(L) Monochrome LCD with backlight
Battery	9V (NEDA 1604, IEC 6F22 or JIS 006P)
Battery Life	Approx continuous used 100 hours
Shutoff Rate Power	3uA
Operate Maximum Power	25mA
Operating temperating temperature and humidity	5°C to 40°C, below 80% RH
Storage temperature and humidity	-10°C to 60°C, below 70% RH
Instrument dimensions	130mm(L) x 56mm(W) x 38mm(H)
Instrument Weight	About 160g
Probe dimensions	195mm(L) x 47mm(W) x 30mm(H)
Probe weight	About 100g
Probe cable length	95mm

## Standards Certification

- CE
- ROHS

## Package includes

1 x TM403 meter
1 x Wind Probe
1 x 9V Battery
1 x User Manual
1 x Soft Carrying Bag