

Environment Meter/Tester

Multifunctional Anemometer TM-273

Product description:

Digital multifunctional anemometer is a professional instrument for measuring the wind speed, temperature, and humidity. It is designed for wind speed measurement in various environments, such as wind speed measurement engineering, quality control and health control. It is applied in wind speed measurement for various occasions like factories, schools, offices, transportation routes, families, etc.



TM-273

Features

- ▲ Measure wind speed, temperature and humidity
- ▲ Measure air volume, temperature and humidity
- ▲ Measure wind speed and maximum/minimum wind flow
- ▲ 2/3 wind flow value/average value
- ▲ Wind speed/flow units and temperature unit selection
- ▲ Measure wind direction angle
- ▲ Real-time measurement when connected to computer via USB
- ▲ Backlight/data holding function
- ▲ Low battery indication
- ▲ Automatic shutdown setting (automatic shutdown after 5min of no button operation)



TM-273 w/ package

Ordering Informations

TM-273 : Air Flow Anemometer

Standard Accessories :

- User Manual
- Auxiliary fan
- USB cable
- Packing box
- 1.5V AAA alkaline battery

Specifications

Model		TM-273						
Wind Velocity Function								
Measuremet Range	m/s	0 ~ 45	Resolution	0.01	Lowest Point of Start Value	0.3	Accuracy	±3% ±0.1
	ft/min	0 ~ 8800		0.01/0.1/1		60		±3% ±20
	knots	0 ~ 88		0.01		0.6		±3% ±0.2
	km/h	0 ~ 140		0.01		1		±3% ±0.4
	mph	0 ~ 100		0.01		0.7		±3% ±0.2
Wind Flow Function								
Measurement Range	CFM (ft ³ /min)	0 ~ 999900	Resolution : 0.001 ~ 100	Area : 0.001 ~ 9999ft ²				
	CMM (ft ³ /min)	0 ~ 999900	Resolution : 0.001 ~ 100	Area : 0.001 ~ 9999				
Wind Temperature Function								
Temperature Range	°C	0 ~ 45	Resolution : 0.1	Accuracy : ±1.0°C				
	°F	32 ~ 113	Resolution : 0.18	Accuracy : ±1.8°F				
Humidity Range		10 ~ 90	Resolution : 0.1	Accuracy : ±5%	Test condition : 90%RH (non-condensing)			
Operation Current								
Description	mA	Operation current 1	Min/Max : : 15 ~ 20	TYP : 18	Test conditions : The backlight is off			
	mA	Operation current 2	Min/Max : : 20 ~ 25	TYP : 23	Test conditions : The backlight is on			
	V	Low battery indicating	Min/Max : 3.5 ~ 4.5	TYP : 4				
	µA	Stand by current	Min/Max : 0 ~ 8	TYP : 5				
Power Supply	4 x AAA 1.5V Alkaline batteries							
Opreation Condition	Temperature : 0 ~ 50°C (32 ~ 122°F) Humidity : 40 ~ 80%RH							
Storage Condition	Temperature : -40 ~ 60°C (32 ~ 122°F) Humidity : ≤80%RH							
Dimension	Meter	73×38×194mm.						
	Vane	74×35×2100mm.						
Weight	212.99g (without battery)							

Safety Tester
AC Power Supply
DC Power Supply
Power Analyzer
Electronic Load
Resistance Tester
LCR Meter
Temperature Tester
Environmental
General Tester