

BESANTEK IR Thermometer & CFM/CMM Vane Anemometer is designed to measure flow speed, volume flow, temperature and chill temperature as practical handheld. It has been applied to HVAC, paint and facilities maintenance, environmental laboratory utilization systems.

## Features:

- Adaptive and highly sensitive sensor with fast response and high accuracy.
- CFM/CMM Thermo-anemometer with built-in non-contact IR thermometer measures remote surface temperature to 260°C (500°F) and 8:1 distance to spot ratio.
- Simultaneous display of air flow or air velocity plus ambient temperature.
- Easy to set area dimensions (cm<sup>2</sup>) are stored in the meter's internal memory for the next power on it.
- 20 Points average for air flow.
- 3% Velocity accuracy via low friction 2.83"D (72mm) ball bearing vane wheel on 3.9ft (120cm) cable.
- Large LCD display, reliable & stable.
- Accessories: Instruction manual, vane sensor with 3.9ft (120cm) cable, 9V battery, protective rubber holster and carrying case.



**BST-AFM05**

## Technical Specification:

BST-AFM05	
Air Velocity	Range: 80~5.900 ft/min, 0.40~30.0 m/s, 1.4~108.0 km/h, 0.9~67.0 MPH, 0.8~58.0 knots Resolution: 1ft/min, 0.01m/s, 0.1km/h, 0.1MPH, 0.1knots Accuracy: ±(3%rdg+40ft/min), ±(3%rdg+0.20m/s), ±(3%rdg+0.8km/h), ±(3%rdg+0.4MPH), ±(3%rdg+0.4knots)
Air Flow CMM	Range: 0~999999m <sup>3</sup> /min Resolution: 0.1 Area: 0~999.9m <sup>2</sup>
Air Flow CFM	Range: 0~999999ft <sup>3</sup> /min Resolution: 0.1 Area: 0~999.9ft <sup>2</sup>
Air Temperature	Range: -10~60°C (14~140°F) Resolution: 0.1°C (0.1°F) Accuracy: ±2°C (4°F)
Infrared Temperature	Range: -50~260 °C (-58~500°F) Resolution: 1°C (1°F) Accuracy: -50~-20°C (-58~-4°F): ±5°C (9°F) -20~260°C: ±2% reading or ±2°C whichever is greater
Temperature & Humidity	Operating: 0~50°C (32~122°F), <80%RH Storage: -10~60°C (14~140°F), <80%RH
Display	Dual function 13mm (0.5") 4 - digit LCD
Power Source	9V battery x 1
Dimensions	Main instrument: 178 x 74 x 33 mm Sensor head: 70mm (2.75") Diameter
Weight	725g (including battery & probe)

## Accessories



## Ordering Information:

- BST-AFM05: IR Thermometer & CFM/CMM Vane Anemometer.



Safety Standard:

- EN 61326-1:2013, EN 61326-2-1:2013, IEC 61326-1:2012, IEC 61326-2-1:2012