

The HT-380 Anemometer measures air velocity in five units of measure: feet per minute (ft/min), meters per second (m/sec), miles per hour (MPH), kilometers per hour (km/hr), & nautical miles per hour (knots). An internal Type K sensor allows HT-380 to measure air temperature in Celsius or Fahrenheit units. The 16" (406mm) flexible gooseneck provides easy access for air velocity and temperature measurement in difficult to reach locations. This meter is shipped fully tested and calibrated and with proper use will provide years of reliable service.

Feature

1. LCD display
2. Vane sensor
3. Hold/Backlight key
4. Units/°F/°C key
5. Max/Min key
6. On/Off key
7. Display: 1). MAX MIN Record mode; 2). Temperature display; 3). Temperature display; 4). Velocity units; 5). Hold mode; 6). MAX or MIN mode; 7). Velocity display; 8). Low battery indicator

Specification

1. Circuit description: Custom LSI microprocessor design
2. Display: Dual function 8888 count LCD display
3. Measurement units: m/s, km/h, ft/min, knots, mph, Temperature: °C /°F, CFM
4. Data hold: Freezes reading on the display
5. Sensor Structure: Air velocity sensor: Conventional twisted vane arm with low friction ball-bearing
6. Memory Recall: Record and Recall Maximum/Minimum (MAX/MIN) readings
7. Auto Power off: After 15 minutes with disable feature
8. Operating Temperature: 32 °F to 122 °F (0 °C to 50 °C)
9. Operating Humidity: Max. 80% RH
10. Power Supply: 9V battery
11. Power Consumption: Approx. 8.3mA DC
12. Unit size: 25cm*6cm*4cm Weight 180G

Measuring Range

1. Velocity speed measurement: ft/min (feet per minute), 196 - 5900 ft/min, 1 ft/min, $\pm (3\% + 40 \text{ ft/min})$
m/s (meters per second), 1.00 - 30.00 m/s, 0.01 m/s, $\pm (3\% + 0.20 \text{ m/sec})$
km/h (kilometers per hour), 3.6 - 108.0 km/h, 0.1 km/h, $\pm (3\% + 0.8 \text{ km/hr})$
mph (miles per hour), 2.24 - 67.0 mph, 0.1 mph, $\pm (3\% + 0.4 \text{ mph})$
knots (nautical miles per hour), 1.94 - 58.0 knots, 0.1 knots, $\pm (3\% + 0.4 \text{ knots})$
2. Temperature Range: 32°F to 122°F (0°C to 50°C), 0.1°F (0.1°C), $\pm 4.0 \text{ °F (2°C)}$