



1. TECHNICAL SPECIFICATIONS

Accuracy is calculated as [% rdg + values]. It is referred to 25°C, <80%RH

Air speed measurement with internal hot wire probe

| Measurement unit | Range | Resolution | Accuracy |
|------------------|--------------|------------|---------------------|
| m/s | 0.10 ÷ 20.00 | 0.01m/s | ±(5%reading + 0.03) |
| km/h | 0.4 ÷ 72.0 | 0.1km/h | |
| ft/min | 20 ÷ 3937 | 1ft/min | |
| MPH | 0.3 ÷ 44.7 | 0.1MPH | |
| knots | 0.2 ÷ 39.0 | 0.1knots | |

m/s = meters/second ; km/h = kilometers/hour ; ft/min = feet/minute ; MPH = miles/hour ; knots = nautical miles/hour

Airflow measurement with internal hot wire probe

| Measurement unit | Range | Resolution | Accuracy |
|------------------|-----------|-------------|----------------------------|
| CMM | 0 ÷ 99999 | 0.001 ÷ 100 | CMM (m ³ /min) |
| CFM | | | CFM (ft ³ /min) |

CMM = air speed (m/s) * Area (m²) * 60 ; CFM = air speed (ft/min) * Area (ft²)

Air temperature measurement with internal sensor

| Measurement unit | Range | Resolution | Accuracy |
|------------------|------------------|------------|----------|
| °C | 0.0°C ÷ 50.0°C | 0.1°C | ±1°C |
| °F | 32.0°F ÷ 122.0°F | 0.1°F | ±1.8°F |

Air humidity measurement with internal sensor

| Range | Resolution | Accuracy |
|---------------|------------|----------|
| 0%RH ÷ 100%RH | 0.1%RH | ±5%RH |

2. GENERAL SPECIFICATIONS

Mechanical characteristics

| | |
|-----------------------------------|-----------------------------------|
| Dimensions (L x W x H): | 190 x 65 x 45mm (7 x 3 x 2in) |
| Length of telescopic probe: | from 13cm to 1m (from 5in to 3ft) |
| Length of telescopic probe cable: | 170cm (6ft) |
| Diameter of telescopic probe: | 11mm (0.4in) |
| Weight (battery included): | 240g (8ounces) |
| Weight of telescopic probe: | 165g (6ouces) |
| Air speed sensor: | hot-wire |
| Air temperature sensor: | digital sensor |
| Mechanical protection: | IP40 |

Mains supply

| | |
|-----------------|--|
| Battery type: | 1x9V alkaline battery IEC 6F22. |
| Battery life: | ca 15 hours (backlight ON), ca 20hours (backlight OFF) |
| Auto power OFF: | about 20 minutes of idleness |

Display

| | |
|--------------------|---|
| Main display: | 4 LCD decimal point, sign and backlight |
| Secondary display: | 4 LCD decimal point, sign and backlight |
| Updating speed: | ca 0.8s |

Climatic conditions

| | |
|---------------------------------|-----------------------|
| Operating temperature/humidity: | 0°C ÷ 50°C / <80%RH |
| Storage temperature/humidity: | -10°C ÷ 60°C / <80%RH |
| Max height of use: | 2000m |

**This instrument complies with European Directive EMC 2014/30/EU
This instrument satisfies the requirements of European Directive 2011/65/EU (RoHS) and
2012/19/EU (WEEE)**