



### 45118 Mini Thermo-Anemometer

**3-in-1 meter**

- Measure air velocity and temperature, and calculate windchill
- Adjustable averaging function of 5, 10, or 13 second intervals
- Housing extends to 9" (229 mm)
- Tripod mount (tripod not included)
- Data Hold with Auto Power Off
- Replaceable low friction vane
- Water resistant housing floats
- Complete with CR2032 lithium battery and 43" (1.09 m) lanyard

## Compact & Fully Loaded

Pocket-sized meters that are fully loaded with functions ranging from 3-in-1 to 7-in-1 models that include Air Velocity, Temperature, and Humidity measurements to calculating Air Volume, Wet Bulb, and Dew Point. Affordable, light weight, and easy-to-use!

ACCESSORIES	
45116	Mini Impeller (2 pk) for 45118
45156	Mini Impeller (2 pk) for 45158, 45168CP
EN100-V	Mini Impeller (2 pk) for AN510
TP870	Type K Bead Wire Temperature Probe (-40 to 482°F/-40 to 250°C)

See p. 27 to 52 for additional temperature probes

SPECIFICATIONS	45118
ft/min (res.)	100 to 5500 ft/min (20)
m/s (res.)	0.5 to 28 m/s (0.1)
km/h (res.)	1.8 to 100.6 km/h (0.7)
MPH (res.)	1.1 to 62.5 MPH (0.2)
knots (res.)	1.0 to 54.3 knots (0.3)
Beaufort Force (res.)	1 to 17 BF (1)
Air Volume CFM/CMM	—
Temperature	0 to 122°F/ -18 to 50°C (0.1°)
Relative Humidity (res.)	—
Wet Bulb	—
Dew Point	—
Basic Accuracy	
Airflow	±3% of reading
Temperature/Relative Humidity	±1.8°F, ±1°C
CE approved	Yes
Dimensions/Weight	5.25x2.75x0.75" (133x70x19 mm)/3 oz (95 g)
	Vane: ~1" (26 mm) D
Warranty	2 years





### 45158 Mini Thermo-Anemometer

5-in 1 meter

- Measure air velocity, temperature, and relative humidity, and calculate windchill and dew point
- Adjustable averaging function of 5, 10, or 13 second intervals
- Housing extends to 9" (229 mm)
- Tripod mount (tripod not included)
- Data Hold with Auto Power Off
- Replaceable low friction vane
- Water resistant housing floats
- Complete with CR2032 lithium battery and 43" (1.09 m) lanyard



### 45168CP Mini Thermo-Anemometer with Built-in Compass

7-in-1 meter

- Built-in Compass provides wind direction and 360° readings
- Delta T (Air Temperature - DP)
- Max function
- Housing extends to 9" (229 mm)
- Auto Power Off with disable
- Water resistant housing floats and drop-tested to 6 feet
- Replaceable vane (45156)
- Tripod mount (tripod not included)
- Complete with CR2032 lithium battery and lanyard



**NEW**

### AN510 CMM/CFM Anemometer + Type K

4-in-1 meter

- Large LCD displays Air Velocity and Air Temperature, Air Flow, or Type K Temperature reading
- Replaceable low friction ball bearing mini vane wheel to retain high accuracy
- Backlit display to view in dimly lit areas
- Data Hold and Min/Max functions
- Auto Power Off with disable
- Tripod mount (tripod not included)
- Complete with wrist strap, general purpose Type K bead wire probe, and three AAA batteries

**45158**

100 to 5500 ft/min (20)  
 0.5 to 28 m/s (0.1)  
 1.8 to 100.6 km/h (0.7)  
 1.1 to 62.5 MPH (0.2)  
 1.0 to 54.3 knots (0.3)  
 1 to 17 BF (1)  
 —  
 0 to 122°F/-18 to 50°C (0.1°)  
 10% to 95% (1%)  
 —  
 32 to 122°F (0 to 50°C)

±3% of reading  
 ±1.8°F, ±1°C/±5% RH

Yes  
 5.25x2.75x0.75" (133x70x19 mm)/3 oz (95 g)  
 Vane: ~1" (26 mm) D  
 2 years

**45168CP**

60 to 3937 ft/min (2)  
 1.1 to 20 m/s (0.1)  
 0.8 to 72.0 km/h (0.1)  
 0.5 to 44.7 MPH (0.1)  
 0.4 to 38.8 knots (0.1)  
 1 to 8 BF (1)  
 —  
 Air: 5 to 122°F/-15 to 50°C (0.1°)  
 Windchill: -4 to 122°F (-20 to 50°C)  
 0.1% to 99.9% (0.1%)  
 23°F to 122°F (-5 to 50°C)  
 -4°F to 122°F (-20 to 50°C)

±3% FS  
 ±1.8°F, ±1°C ±3% RH

Yes  
 5.51x1.77x0.98" (140x45x25 mm)/3 oz (95 g)  
 Vane: ~1" (25.4 mm) D  
 2 years

**AN510**

80 to 3937 ft/min (1)  
 0.4 to 20 m/s (0.1)  
 1.4 to 72 km/h (0.1)  
 0.9 to 44.7 MPH (0.1)  
 0.8 to 38.8 knots (0.1)  
 —  
 0.847 to 1,271,300 CFM/0.024 to 36,000 CMM (0.001)  
 Air: 32 to 122°F/0 to 50°C (0.1°);  
 Type K: -148°F to 2372°F/-100°C to 1300°C (0.1°)

±3% FS  
 Air: ±2.5°F (±1.2°C)  
 Type K: ±(0.4% + 1.8°F); ±(0.4% + 1°C)

Yes  
 5.5x1.8x1.2" (141x4 x20 mm)/5.6 oz (160 g)  
 Vane : ~1" (27 mm) D  
 2 years



**AN100**  
**CFM/CMM Thermo-**  
**Anemometer**

**Large backlit display of Airflow or Air Velocity**

- Simultaneous display of Ambient Temperature and Air Flow or Air Velocity
- Up to 8 easy to set area dimensions stored in internal memory (ft<sup>2</sup> or m<sup>2</sup>)
- 20 point AVG for Air Flow
- Low friction 2.83" D (72 mm) ball bearing vane wheel
- Data Hold, MIN/MAX, Auto Power Off
- Complete with vane sensor on 3.9 ft (120 cm) cable, 9 V battery, protective rubber holster, and case

**Versatile and Durable**  
**Tools For HVAC/R**

Extech equips HVAC/R professionals with rugged, accurate tools for measuring airflow, air velocity and air/surface temperatures. Extech's thermo-anemometers are available with vane/propeller probes as well as telescoping, hot-wire probes for small openings or hard-to-reach areas.



[www.extech.com/video](http://www.extech.com/video)

AN200 only.

**ACCESSORIES**

407001-PRO Data Acquisition Software and USB Cable

See p. 109 for software information

SPECIFICATIONS	AN100 <b>N</b>
Air Velocity (Max Res.)	
ft/min	80 to 5900 ft/min (1)
m/sec	0.4 to 30.00 m/sec (0.01)
km/h	1.4 to 108.0 km/h (0.1)
MPH	0.9 to 67.0 MPH (0.1)
knots	0.8 to 58.0 knots (0.1)
Temperature (Max Res.)	14 to 140°F/ -10 to 60°C (0.1°)
Temperature (IR)	—
Air Flow (CFM = ft <sup>3</sup> /min)	0 to 9999 CFM (1)
Air Flow (CMM = m <sup>3</sup> /min)	0 to 9999 CMM (1)
Basic Accuracy	±3%rdg; ±2°F (±1°C)
PC Interface	—
Datalogger	—
CE approved	Yes
Dimensions/Weight	7x2.9x1.3" (178x74x33 mm)/1.6 lbs (700 g)
Warranty	2 years



**N** Indicates products that are available with optional calibration traceable to **NIST**. See pages 146-147 for a complete listing.



## AN200 CFM/CMM Thermo- Anemometer + IR Thermometer

**Built-in InfraRed Thermometer for Non-contact Temperature measurements**

- IR Thermometer quickly takes non-contact temperature measurements up to 932°F (500°C) with 8:1 distance-to-spot ratio and laser pointer
- Simultaneous display of Ambient Temperature and Air Flow or Air Velocity
- Up to 8 easy-to-set area dimensions stored in internal memory (ft<sup>2</sup> or m<sup>2</sup>)
- 20 point AVG for Air Flow
- Low friction 2.83" D (72 mm) ball bearing vane wheel
- Data Hold, MIN/MAX, Auto Power Off
- Complete with vane sensor on 3.9 ft (120 cm) cable, 9 V battery, protective rubber holster, and case



## 407113 High Temperature CFM Metal Vane Anemometer

**Withstands temperatures to 175°F (80°C) and airspeed to 6890 ft/min**

- Display Air Flow (CFM) or Air Velocity plus Temperature
- Air Flow displayed in 3 modes: Instantaneous value, Up to 20 point average, or 2/3 flow value
- Record and Recall MIN/MAX
- Data Hold plus Auto Power Off
- Built-in PC interface
- Optional Data Acquisition software 407001-PRO - see details on p. 109
- Includes metal vane sensor with 3.9 ft (120 cm) cable, 9 V battery, holster with stand, and hard case



## 407119 Hot Wire CFM/ CMM Anemometer

**Accurately measures Air Flow (CFM/ CMM) or Air velocity plus Temperature**

- Air velocity measurements as low as 40 ft/min
- Telescoping probe extends up to 3 ft (940 mm) long
- Measures air volume in CFM (ft<sup>3</sup>/min) and CMM (m<sup>3</sup>/min) plus Temperature simultaneously
- Air Flow displayed in 2 modes as an instantaneous value or up to 20 point average
- Record and Recall MIN/MAX
- Data Hold plus Auto power off
- Optional Data Acquisition software 407001-PRO - see details on p. 109
- Complete with telescoping probe with 5.5 ft (167.6 cm) cable, and four AA batteries

### AN200 IN

### 407113 IN

### 407119 IN

80 to 5900 ft/min (1)

0.4 to 30.00 m/sec (0.01)

1.4 to 108.0 km/h (0.1)

0.9 to 67.0 MPH (0.1)

0.8 to 58.0 knots (0.1)

14 to 140°F/-10 to 60°C (0.1°)

-58 to 500°F/-50 to 260°C (0.1°/1°)

0 to 999,999 CFM (0.1)

0 to 999,999 CMM (0.1)

±3%rdg; ±2°F (±1°C)

—

—

Yes

7x2.9x1.3" (178x74x33 mm)/1.6 lbs (700 g)

2 years

100 to 6890 ft/min (1)

0.5 to 35 m/sec (0.1)

1.8 to 126.0 km/h (0.1)

1.1 to 78.3 MPH (0.1)

1.0 to 68.0 knots (0.1)

32 to 175°F (0.1°)/0 to 80°C (0.1°)

—

0 to 999,900 CFM (0.001)

0 to 999,900 CMM (0.001)

±2% rdg; ±1.5°F (±0.8°C)

Optional 407001-PRO Software

—

Yes

7x2.9x1.3" (178x74x33 mm)/1.35 lbs (612 g)

3 years

40 to 3346 ft/min (1)

0.2 to 17 m/sec (0.1)

0.7 to 61.2 km/h (0.1)

0.9 to 38.0 MPH (0.1)

0.4 to 33.0 knots (0.1)

32 to 122°F (0.1°)/ 0 to 50°C (0.1°)

—

0 to 1,271,200 CFM (0.001)

0 to 36,000 CMM (0.001)

±2%rdg; ±1.5°F (±0.8°C)

Optional 407001-PRO Software

—

Yes

7x2.9x1.3" (178x74x32 mm)/1.1 lbs (482 g)

3 years

**SDL300/SDL310/SDL350 Thermo-Anemometer/Dataloggers**



**Three models to choose from with different sensor size and design to either withstand high temperature environment or measure low level air velocity**

- Datalogger date/time stamps and stores readings on the included SD card in Excel® format for easy transfer to a PC
- Selectable data sampling rate: 1 to 3600 seconds (1 hour)
- Manually store/recall up to 99 readings
- Type K/J Thermocouple input for high temperature measurements
- Large (9999 count) LCD displays Air Velocity and Temperature simultaneously
- Record/Recall MIN, MAX readings
- Data Hold plus Auto Power Off with disable function
- Optional 407001-PRO software with USB cable allows user to live stream data from meter to a PC based computer/laptop while storing the collected data for later use in generating a graph or report. See p. 109 for details.
- Complete with 6 x AA batteries, SD card, sensor with 3.9 ft (120 cm) cable, and hard carrying case; (See p. 27 and 52 for optional Type K and J Thermocouple probes)
- 3-year warranty

**SDL300 Metal Vane Additional Functions**

- 2% velocity accuracy via low friction ball bearing vane wheel on 39" (1 m) cable
- Metal Vane withstands temperatures to 158°F (70°C) and air velocity to 6900 ft/min

**SDL310 Vane Additional Functions**

- 2% velocity accuracy via low friction ball bearing vane wheel on 39" (1 m) cable
- Measures Air Temperature to 122°F (50°C) and air velocity to 4930 ft/min

**SDL350 Hot Wire Additional Functions**

- Air Velocity meter with telescoping probe designed to fit into HVAC ducts and other small openings and can read down to 40 ft/min
- Probe extends up to 7.05 ft (215 cm) maximum length with cable

SPECIFICATIONS	SDL300	SDL310	SDL350
ft/min	60 to 6900 ft/min	80 to 4930 ft/min	40 to 3940 ft/min
m/sec	0.3 to 35 m/s	0.4 to 25 m/s	0.2 to 25 m/s
km/h	1.0 to 126.0 km/h	1.4 to 90.0 km/h	0.7 to 72 km/h
MPH	0.7 to 78.2 MPH	0.9 to 55.9 MPH	0.5 to 45 MPH
knots	0.6 to 68 knots	0.8 to 48.6 knots	1 to 31 knots
Air Flow (CFM = ft <sup>3</sup> /min)	—	—	0 to 1,907,000 CFM
Air Flow (CMM = m <sup>3</sup> /min)	—	—	0 to 54,000 CMM
Basic Accuracy	2% rdg	2% rdg	5% rdg
Temperature (air)	32 to 158°F (0 to 70°C)	32 to 122°F (0 to 50°C)	32 to 122°F (0 to 50°C)
<b>Common Features</b>			
Temperature (Type J/K)	J: -148 to 2192°F (-100 to 1200°C)/K: -148 to 2372°F (-100 to 1300°C)		
Datalogging	Store readings on SD memory card (included)		
Dimensions/Weight	7.2x2.9x1.9" (182X73X48 mm)/17.2 oz (487 g)		

All SDL models have built-in SD slot and includes SD memory card

**Vane Versus Hot Wire**

Which sensor type should you choose? For many technicians, it is ultimately a matter of preference but there are some distinguishing factors to keep in mind. Vane anemometers are very useful for fast, accurate measurements of air velocity. The ultra compact size of a hot wire anemometer probe makes it easy to access small openings such as louvered vents. Telescoping hot wire probes are also useful for reaching high locations.

**ORDERING**

SDL300	N	Metal Vane Thermo-Anemometer/Datalogger
SDL310	N	Vane Thermo-Anemometer/Datalogger
SDL350	N	Hot Wire CFM/CMM Thermo-Anemometer/Datalogger
UA100-240		100-240 V AC Adaptor with 4 plugs (US, EU, UK, AU)
407001-PRO		Data Acquisition Software and USB Cable (see p. 109 for details)



**AN300/AN310 Large Vane CFM/CMM Thermo-Anemometers**



**4" (10 cm) large vane allows for more precise readings on larger size ducts; choose models that also measure Air Volume and Humidity**

- Fast responding sensors measure Air Velocity and Air Flow
- Built-in thermistor for air temperature
- Multipoint and timed average calculations
- Min/Max, Data Hold, and Auto Power Off
- Optional Air Flow Cone Kit (AN300-C) allows HVAC technicians to be freed from the hassle of calculating dimensions and allow for quick and easy airflow measurements for these common duct sizes; Adaptor size: Round 8.26" (210 mm) and Square 13.6" (346 mm)
- Complete with four AAA batteries and hard case
- 2-year warranty

**AN310 Additional Functions:**

- Measures Relative Humidity and calculates Wet Bulb and Dew Point

SPECIFICATIONS	AN300	AN310
m/s	0.2 to 30 m/s	0.2 to 30 m/s
ft/min	40 to 5900 ft/min	40 to 5900 ft/min
Basic Accuracy	±1.5%	±1.5%
CFM/CMM	0 to 99,999	0 to 99,999
Temperature	-4 to 140°F (-20 to 60°C)	-4 to 140°F (-20 to 60°C)
Basic Accuracy	±1.1°F (0.6°C)	±1.1°F (0.6°C)
Humidity	—	0.1 to 99.9% RH
Basic Accuracy	—	±3% RH
Wet Bulb	—	-4 to 140°F (-20 to 60°C)
Dew Point	—	23 to 140°F (-5 to 60°C)
Dimensions/ Weight	10.6x4.2x2" (269x106x51 mm)/7 oz (200 g)	

**ORDERING**

AN300 <b>N</b>	Large Vane CFM/CMM Thermo-Anemometer
AN310 <b>N</b>	Large Vane CFM/CMM Anemometer/Psychrometer
AN300-C	Airflow Cone and Funnel Adapters

**AN340 CMM/CFM Anemometer/Psychrometer Datalogger**



**Telescoping probe with 18 mm diameter mini vane sensor easily fits into air vents and can extend length of probe to 3.3 ft (1 m) long**

- Measures Air Velocity, Air Flow, Air Temperature, Humidity, Dew Point and Wet Bulb with built-in Automatic Temperature Compensation (ATC)
- Manually store/recall up to 99 readings and automatically datalog up to 12,000 readings (2000 readings for each parameter) with 12/24 hour time and date stamp
- Select data sampling rate from 1 s to 4 hr: 59 min: 59 s
- Min/Max/Avg, Data hold, and Auto Power Off with disable
- Built-in PC interface
- Complete with external mini vane probe, Windows® compatible software, USB cable, 6 AAA batteries, and hard carrying case
- 2-year warranty

**SPECIFICATIONS**

m/s	0.5 to 20 m/s	±3%
ft/min	100 to 3940 ft/min	±3%
Temperature	-4 to 140°F (-20 to 60°C)	±1.1°F (0.6°C)
Humidity	0.1 to 99.9% RH	±3% RH
Wet Bulb	-4 to 158°F (-20 to 70°C)	
Dew Point	-4 to 140°F (-20 to 60°C)	
CFM/CMM	0 to 99,999	

**ORDERING**

AN340 <b>N</b>	Mini Vane CMM/CFM Anemometer/Psychrometer Datalogger
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**NEW**

**EN510 Environmental Meter**

**10-in-1 meter**

- Auto-rotating display
- Measures Air Velocity, Air Flow, Temperature (Air/Type K), Humidity, Wet Bulb, Dew Point, Heat Index, Wind Chill, and Light
- Replaceable low friction ball bearing mini vane wheel to retain high accuracy
- Measure light levels in Foot-Candle (Fc) or Lux units using a precision photo diode with cosine and color correction filter
- Backlit display to view in dimly lit areas
- Data Hold and Min/Max functions
- Auto Power Off with disable
- Tripod mount (tripod not included)
- Complete with wrist strap, general purpose Type K bead wire probe, and three AAA batteries

**Go Beyond Airflow Measurements**

Extech's compact multi-function environmental meters couple all-in-one versatility with accurate diagnostics. Extech helps you get results with fewer tools.

**ACCESSORIES**

EN100-TP	RTD Temperature Probe (14 to 158°F/-10 to 70°C)
EN100-V	Mini impeller (2 pk) for EN100 and EN150
UA100-240	100-240V AC Adaptor w/ 4 plugs (US, EU, UK, AU)
407001-PRO	Data Acquisition Software and USB cable (see p. 109 for details)
TP870	Type K Bead Wire Temperature Probe (-40 to 482°F/-40 to 250°C)
TP873	Type K Bead Wire Temperature Probe (-22 to 572°F/-30 to 300°C)
TP875	Type K Bead Wire High Temperature Probe (-58 to 1000°F/-58 to 538°C)

See p. 27 and 52 for additional temperature probes

**SPECIFICATIONS**

	<b>EN510</b>
ft/min (res.)	80 to 3937 ft/min (1)
m/s (res.)	0.4 to 20 m/s (0.1)
km/h (res.)	1.4 to 72 km/h (0.1)
MPH (res.)	0.9 to 44.7 MPH (0.1)
knots (res.)	0.8 to 38.8 knots (0.1)
Air Volume CFM/CMM	0.847 to 1,271,300 CFM/0.024 to 36,000 CMM (0.001)
Temperature	Air: 32 to 122°F/0 to 50°C (0.1°) Type K: -148°F to 2372°F/-100°C to 1300°C (0.1°)
Relative Humidity (res.)	10 to 95% RH (0.1%)
Heat Index	32 to 212°F/0 to 100°C (0.1°)
Wet Bulb	22.2 to 120°F/-5.4 to 49.0°C (0.1°)
Dew Point	-13.5 to 120.0°F/-25.3 to 49.0°C (0.1°)
Wind chill	15 to 112°F/-9.4 to 44.2°C (0.1°)
Light Level	0 to 1860 Fc/0 to 20,000 Lux (0.1)
Sound Level (res.) - A weighting	—
Basic Accuracy	
Airflow	±3% FS
Temperature/Relative Humidity	Air: ±2.5°F (±1.2°C), Type K: ±(0.4% + 1.8°F/1°C)/ ±0.4% RH
Light/Sound	±5%
CE approved	Yes
Dimensions/Weight	6.0x2.3x1" (153x58x25 mm)/5.6 oz (160 g)
	Vane: ~1" (27 mm) D
Warranty	2 years





### 45170 Environmental Meter

**4-in-1 meter**

- Auto-rotating display
- Measures Air Velocity, Temperature (Air/Type K), Humidity, and Light
- Low friction vane wheel
- Capacitance humidity sensor
- Type K input (Probe sold separately - see p. 27, 52, and 88)
- Measure light levels in Foot-Candle (Fc) or Lux units using a precision photo diode with cosine and color correction filter
- MAX/MIN and Data hold
- Complete with wrist strap and 9 V battery



### EN100 Environmental Meter

**11-in-1 meter**

- Auto-rotating display
- Replaceable low friction vane
- Measure light levels in Foot-Candle (Fc) or Lux units using a precision photo diode with cosine and color correction filter
- Barometric Pressure and Altitude functions
- Data Hold and Auto Power Off
- Complete with built-in sensors, wrist strap, and CR2032 battery. (Optional EN100-TP probe measures to 158°F/70°C)



### EN300 Environmental Meter

**5-in-1 Meter & PC interface**

- Auto-rotating display
- Low friction vane wheel
- Capacitance humidity sensor
- Thermistor for ambient temperature and Type K input (Probe sold separately - see p. 27, 52, and 88)
- Measure light levels in Foot-Candle (Fc) or Lux units using a precision photo diode with cosine and color correction filter
- Sound Level measurement meets IEC 61672 Class 2
- MAX/MIN and Data hold
- Complete with 6 AAA batteries; Optional AC adaptor UA100-240 and software 407001-PRO (see p. 109 for software details)

45170	EN100	EN300
80 to 5910 ft/min (1)	80 to 3940 ft/min (1)	80 to 5910 ft/min (1)
0.4 to 30 m/s (0.1)	0.4 to 20 m/s (0.1)	0.4 to 3 m/s 0 (0.1)
1.4 to 108.0 km/h (0.1)	1.4 to 72 km/h (0.1)	1.4 to 108.0 km/h (0.1)
0.9 to 67.0 MPH (0.1)	0.9 to 45 MPH (0.1)	0.9 to 67.0 MPH (0.1)
0.8 to 58.3 knots (0.1)	0.8 to 38.8 knots (0.1)	0.8 to 58.3 knots (0.1)
—	0.847 to 1,271,300 CFM/0.024 to 36,000 CMM (0.001)	—
Thermistor: 32 to 122°F/0 to 50°C (0.1°) Type K: -148°F to 2372°F/-100°C to 1300°C (0.1°)	Air: 32 to 122°F/0 to 50°C (0.1°) RTD: 14 to 158°F/-10 to 70°C (0.1°)	Air: 32 to 122°F/0 to 50°C (0.1°) Type K: -148 to 2372°F/-100 to 1300°C (0.1°)
10 to 95% RH (0.1%)	10 to 95% RH (0.1%)	10 to 95% RH (0.1%)
—	32 to 212°F (0 to 100°C)	—
—	22.3 to 120.2°F (-5.4 to 49.0°C)	—
—	-13.5 to 120.2°F (-25.3 to 49.0°C)	—
—	15.1 to 111.6°F (-9.4 to 44.2°C)	—
0 to 1860 Fc (0.1)/0 to 20,000 Lux (1)	0 to 1860 Fc (0 to 20,000 Lux)	0 to 1860 Fc (0.1)/0 to 20,000 Lux (1)
—	—	35 to 130 dB (0.1 dB)
±3% FS	±3% FS	±3% FS
Air: ±2.5°F (±1.2°C), Type K: ±(1%+2°F/1°C) of rdg/ ±4% RH	±2.5°F (±1.2°C)/±4%RH of rdg	Air: ±2.5°F (±1.2°C), Type K: ±(1%+2°F/1°C) of rdg/ ±4% RH
Light: ±5% of reading	—	Light: ±5% of reading/Sound: ±1.4 dB
Yes	Yes	Yes
6.1x2.4x1.3" (156x60x33 mm)/5 oz (160 g)	4.7x1.7x0.7" (120x45x20 mm)/5.6 oz (160 g)	9.8x2.8x1.3" (248x70x34 mm)/11.8 oz (335 g)
Vane: 1.2" (30.5 mm) D	Vane: 1.2" (31 mm) D	Vane: 1.2" (31 mm) D
2 years	2 years	2 years