



# HANDHELD ROTATING VANE THERMO-ANEMOMETER

HHF143 Series Starts at

**\$845**

70 mm (2¾") dia probe (included)



No Points Standard

- ✓ High Accuracy (±1.0% of Reading)
- ✓ Low Speed Sensitivity
- ✓ Wide Temperature Range -20 to 100°C (-4 to 212°F)
- ✓ Temperature Measurement Standard
- ✓ Minimum and Maximum Recall
- ✓ Analog Voltage Output and Communication Options
- ✓ NIST Calibration



HHF143B, \$845. shown smaller than actual size.

The OMEGA® HHF143 rotating vane anemometer series are high-quality instruments providing highly accurate air velocity and temperature measurements in harsh environments via a user-friendly and intuitive interface. Applications include indoor air quality, process control, flow hood monitoring, and many other applications where precise air flow and temperature measurement is required.

## SPECIFICATIONS

### Ranges

**HHF143B:** 0.2 to 40.00 MPS (40 to 7800 FPM)

**HHF143A:** 0.3 to 35.00 MPS (60 to 6800 FPM)

**Temperature (Using Either Air Velocity Probe Head):** -20 to 100°C (-4 to 212°F)

### Accuracy

**Air Velocity:** ±1.0% of reading ±1-digit

**Temperature:** ±(0.3°C + 0.2% of reading in °C)

**Temperature Accuracy Examples:**

±0.3°C @ 20°C (±0.5°F @ 68°F)

### Resolution

**Air Velocity:** 0.01 MPS or 1 FPM

**Temperature:** 0.1°C or °F

**Display:** 12.7 mm (0.5") LCD, 4-digits, with LED backlight

### Operating Temp:

**Instrument:** 0 to 50°C (32 to 125°F)

**Air Probe:** -20 to 100°C (-4 to 212°F)

**Power Supply:** 3 "AA" alkaline batteries (included)

**Battery Life:** Approximately 150 hours

### Dimensions:

**Instrument:** 165 x 83 x 38 mm (6.5 x 3.25 x 1.5")

**HHF143A:** 25 mm (1") diameter

**HHF143B:** 70 mm (2.75") diameter

**Cable:** 1.5 m (5')

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Price	Description
HHF143A	\$845	Handheld thermo-anemometer 25 mm (1") dia probe
HHF143B	845	Handheld thermo-anemometer 70 mm (2¾") dia probe

### Accessories

Model No.	Price	Description
HHF140B-RP-T	\$395	Replacement 70 mm (2¾") vane probe with temp sensor
HHF140A-RP-T	395	Replacement 25 mm (1") vane probe with temp sensor and 1.5 m (5') cable
MN1500-4	3	Package of 4 "AA" replacement batteries

Comes complete with vane probe [25 or 70 mm (1 or 2¾") depending on model], 3 extension rods (flexible, straight and with handle), 1.5 m (5') cable, 3 "AA" alkaline batteries, hard carrying case, NIST calibration certificate and operator's manual.

For units with a protective boot add suffix "-PB" to model number and \$75 to price.

For units with USB communications add suffix "-USB" to model number and \$195 to price.

For units with a 0 to 5 Vdc voltage output add suffix "-V" to model number and \$225 to price.

**Ordering Examples:** HHF143B, thermo-anemometer with 70 mm (2¾") vane, \$845.

HHF143A-V, thermo-anemometer with 25 mm (1") vane and a voltage output, \$845 + 225 = \$1070.

Recommended Reference Book: Flow Measurement 2nd Edition, FW-0119, \$155. See Section Y for Additional Books



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