

HANDHELD ROTATING VANE ANEMOMETER



HHF141



No Points Standard

- ✓ High Accuracy ($\pm 1.0\%$ of Reading)
- ✓ Rugged Metal Probe and Vane
- ✓ Ultra Low Sensitivity Down to 0.2 m/s (40 fpm)
- ✓ Measure Airflow from -20 to 100°C (-4 to 212°F)
- ✓ Minimum and Maximum Velocity Capture
- ✓ Analog Voltage Output and Communication Options
- ✓ NIST Calibration Included

The OMEGA™ HHF141 rotating vane anemometer is a high-quality instrument providing highly accurate air velocity measurements in harsh environments via a user-friendly and intuitive interface. Applications include manufacturing, laboratory, computer rooms, environmental control, flow hood monitoring, and other applications where precise air measurement is required.

SPECIFICATIONS

Ranges:

HHF141A: 25 mm (1") probe, 300 to 6800 FPM (1.5 to 35.00 MPS)
HHF141B: 70 mm (2¾") probe, 40 to 7800 FPM (0.2 to 40.00 MPS)

Accuracy:

2.75" Probes: $\pm 1.0\%$ of Reading ± 1 digit
1.00" Probes: $\pm 0.50\%$ F.S. + 0.75% Reading + 1 digit

Resolution:

1 FPM or 0.01 MPS
Display: 12.7 mm (0.5") LCD, 4-digits, with LED backlight

Operating Temperature:

Instrument: 0 to 50°C (32 to 125°F)
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")
HHF140A: 25 mm (1") diameter head
HHF140B: 70 mm (2.75") diameter head
Cable: 1.5 m (5')

Outputs (Optional): USB or 0 to 5 Vdc



To Order

Model No.	Description
HHF141A	Handheld anemometer kit with 25 mm (1") diagram probe
HHF141B	Handheld anemometer kit with 70 mm (2¾") diagram probe

Accessories

Model No.	Description
HHF140B-RP	Replacement 70 mm (2¾") vane probe
HHF140A-RP	Replacement 25 mm (1") vane probe and 1.5 m (5') cable
HHF140B-CABLE	Replacement 1.5 m (5') connector cable
HHF140-USB-CABLE	Replacement USB cable
HHF140-V-CABLE	Replacement analog output cable
MN1500-4	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 and splash proof seals add suffix "-PB" to model number, for additional cost.

For units with USB communications add suffix "-USB" to model number, for additional cost.

For units with a 0 to 5 Vdc voltage output add suffix "-V" to model number, for additional cost.

Ordering Examples: HHF141B-USB, anemometer with 70 mm (2¾") vane and USB communications.

HHF141A-V, anemometer with 25 mm (1") vane and a voltage output.