

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: $\pm 1.0\%$ of 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") diameter probe |
| HHF141B | Handheld anemometer kit with 70 mm (2¾") diameter 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.