Handheld Rotating Vane Thermometer

HHF143 Series

- 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 Included

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: 1.5 to 35.00 MPS (300 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

**To Order**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>HHF143A</td>
<td>Handheld thermo-anemometer 25 mm (1”) dia probe</td>
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<tr>
<td>HHF143B</td>
<td>Handheld thermo-anemometer 70 mm (2¾”) dia probe</td>
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**Accessories**

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<tr>
<th>Model No.</th>
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<tr>
<td>HHF140B-RP-T</td>
<td>Replacement 70 mm (2¾”) vane probe with temp sensor</td>
</tr>
<tr>
<td>HHF140A-RP-T</td>
<td>Replacement 25 mm (1”) vane probe with temp sensor and 1.5 m (5’) cable</td>
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<tr>
<td>MN1500-4</td>
<td>Package of 4 “AA” replacement batteries</td>
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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, for additional cost.

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

**Ordering Example: HHF143B, thermo-anemometer with 70 mm (2¾”) vane.