

# DIGITAL ROTATING VANE ANEMOMETER

## HHF5000 Series



- ✓ Display in Meters/Second or Feet/Minute
- ✓ Automatic Probe Identification and Linearization
- ✓ 2 or 16 Second Measurement Period
- ✓ Maximum and Minimum Readings Stored in Memory

The OMEGA® HHF5000 digital anemometer enables fast, reliable and accurate readings of air velocity using a high-quality rotating vane sensor with either a 25 mm (1") or 70 mm (2.75") diameter.

HHF5000 may be used with either of the OMEGA® rotating vane sensors. The connected sensor is displayed automatically when the instrument is switched on.

The HHF5000 is designed for use in heating and ventilating, air conditioning and process industry applications, as well as maintenance and commissioning requirements, particularly exhaust and fume ventilation assessments.



HHF5001, 70 mm (2.75") sensing probe, carrying case, extension rods and connecting cable.

### SPECIFICATIONS

#### Range:

**25 mm (1") Probe:** 0.3 to 35 m/s (59 to 6891 ft/min)

**70 mm (2.75") Probe:** 0.3 to 40 m/s (59 to 7875 ft/min)

#### Accuracy (System):

**25 mm (1") Probe:** ±0.5% full scale plus ±0.75% of rdg

**70 mm (2.75") Probe:** ±0.25% full scale plus ±0.75% rdg

**Display:** 4-digit liquid crystal, 10 mm (0.4") H characters

**Resolution:** 0.1 m/s (1 ft min)

#### Operating Temperature:

**Instrument:** 0 to 50°C (32 to 122°F)

**Probe:** -30 to 80°C (-22 to 176°F)

**Power Source:** 2 x 1.5V "AA" batteries (included)

**Battery Life:** 250 hours approx; low-battery warning after 225 hours

**Dimensions:** 181 x 77 x 21.5 mm (7 x 3 x 0.8") indicator

**Weight:** 190 g (0.5 lb) approx with battery (indicator alone)



HHF5003, includes hard carrying case with 70 mm (2.75") and 25 mm (1") sensing probes, anemometer, extension rods and connecting cable.

### To Order

Model No	Description
HHF5001	Handheld anemometer kit with 70 mm (2.75") vane
HHF5002	Handheld anemometer kit with 25 mm (1") vane
HHF5003	Handheld anemometer kit with 70 mm (2.75") and 25 mm (1") vanes
HHF5001-PROBE	Replacement vane 70 mm (2.75")
HHF5002-PROBE	Replacement vane 25 mm (1")

Comes with operator's manual, vane sensor, extension rods, hard carrying case and batteries.  
**Ordering Example:** HHF5001, handheld anemometer kit with 25 mm (1") rotating vane sensor, extension rods and molded carrying case.