

# 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 TRODEX® 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  $\pm 1$ -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.