

ECONOMICAL HOT WIRE ANEMOMETER

HHF42



Optional

- ✓ Thermal Anemometer for Very Low Air Velocities
- ✓ Slim Probe—Ideal for Grills and Diffusers
- ✓ Super Large LCD Reads Air Velocity and Temperature Simultaneously
- ✓ Records Minimum and Maximum Reading with Recall
- ✓ Data Hold Function
- ✓ Auto Power Off
- ✓ Heavy Duty Carrying Case

The HHF42 is an economical solution for any air flow application, such as, air conveyors, flow hoods, balancing, fans/motors/blowers, furnace velocities, refrigeration cases, paint spray booths and environmental testing.

The portable HHF42 provides fast, accurate readings with digital readability and the convenience of a remote probe. The combination of hot wire and standard thermistor delivers rapid and precise measurements even at low air velocities.

The HHF42 microprocessor circuit assures the maximum possible accuracy and provides special functions and features.

SPECIFICATIONS

Display: 3½ digit 13 mm (0.5") dual function LCD

Measurement: m/s, km/h, ft/min, knots, miles/h, Temperature in °C or °F, and Data Hold

Sensor Structure:

Air Velocity: Tiny glass bead thermistor

Temperature: Precision thermistor

Memory: Minimum and Maximum with Recall

Power Off: Auto shut off or manual button



Carrying case, operators manual and six "AAA" batteries included.

Operating Temperature: 0 to 50°C (32 to 122°F)

Operating Humidity: <80% RH

Power Supply: Six 1.5 V "AAA" alkaline or heavy duty batteries (included)

Power Current: Approx. 30 mA dc

Dimensions:

Instrument: 185 x 78 x 38 mm (7.1 x 3.1 x 1.5")

Telescope Probe:

12 mm (0.5") diameter x 280 mm (11") (minimum length) to 940 mm (37") (maximum length)

Weight: Approx. 355 g (12.5 oz)



HHF42 shown smaller than actual size.

Measurement	Range	Resolution	Accuracy
m/s	0.2 to 20 m/s	0.1 m/s	±(10% +1d) full scale
km/h	0.7 to 72.0 km/h	0.1 km/h	
ft/min	40 to 3940 ft/min	1 ft/min	
miles/h	0.5 to 44.7 mile/h	0.1 mile/h	
knots	0.4 to 38.8 knots	0.1 knots	
Temp °C	0 to 50°C	0.1°C	0.8°C
Temp °F	32 to 122°F	0.1°F	1.5°F

To Order	
Model No.	Description
HHF42	Hot wire anemometer
HHF42-RP	Replacement probe for HHF42
MN2400-12	Package of 12 replacement AAA batteries
CAL-3-FLOW	NIST traceable 4-point calibration certificate

Comes complete with operator's manual, hard carrying case and 6 "AAA" batteries.
Ordering Example: HHF42, hot wire anemometer.