



# METAL VANE ANEMOMETER

HHF803



- ✓ Large LCD Reads Air Velocity and Temperature Simultaneously
- ✓ Records Min. and Max. Reading with Recall
- ✓ Data Hold Function
- ✓ Auto Power Off
- ✓ RS232 Serial Interface

## SPECIFICATIONS

**Display:** 51 x 32 mm LCD

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

### Sensor Structure:

**Air Velocity:** Vane with low friction ball bearing design

**Temperature:** Precision thermistor

**Memory:** Minimum and Maximum with Recall

**Power Off:** Auto shut off or manual button

**Sampling Time:** 0.8 seconds

**Data Output:** RS232

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

**Operating Humidity:** <80% RH

**Power Supply:** 9 Vdc heavy duty battery (included)

**Power Current:** Approx. 8.3 mA DC

**Overload Indication:** "----"

### Dimensions:

**Instrument:** 200 x 68 x 30 mm (7.9 x 2.7 x 1.2")

**Probe:** 72 mm (2.83") diameter

**Weight:** Approx 220 g (0.5 lb)

The HHF803 is an economical solution for any air flow application, such as, air conditioning and heating systems, wind speeds, balancing, and environmental testing. The portable HHF803 provides fast,



HHF803, metal vane anemometer, £211, shown smaller than actual size.

Hard carrying case, operators manual and 9 Vdc battery included.

accurate readings with digital readability and the convenience of a remote probe. The combination of low friction vane anemometer and standard thermistor delivers

rapid and precise measurements. The microprocessor circuit assures the maximum possible accuracy and provides special functions and features.

Measurement	Range	Resolution	Accuracy
m/s	0.8 to 40 m/s	0.1 m/s	±(2% + 1 digit)
km/h	2.8 to 144 km/h	0.1 km/h	±(2% + 1 digit)
ft/min	160 to 4930 ft/min	1 ft/min	±(2% + 20 ft/min)
miles/h	1.8 to 89.4 mph	0.1 mph	±(2% + 1 digit)
knots	1.6 to 78.1 knots	0.1 knots	±(2% + 1 digit)
Temp. °C	0 to 60°C	0.1°C	0.8°C
Temp. °F	32 to 140°F	0.1°F	1.5°F

**AVAILABLE FOR FAST DELIVERY!**

## To Order (Specify Model Number)

Model No.	Description
HHF803	Metal vane anemometer
SWCABLE	Software and cable
HHF803-RP	Replacement probe for HHF803

Comes complete with operator's manual, hard carrying case and 9V battery.

**Ordering Example:** HHF803, metal vane anemometer,

Recommended Reference Book: Total Environmental Compliance, ES-2260, See Section Y For Additional Books



# omega.co.uk<sup>®</sup>

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)  
1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenfronn, Germany  
0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England  
0800-488-488  
+44-(0)161-777-6611

#### FRANCE

[www.omega.fr](http://www.omega.fr)

0800-466-342

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters