



**This unique instrument combines the features of an anemometer and a psychrometer**

Measures air speed, air volume, BTU (British Thermal Units), air temperature, dew point, wet bulb, and humidity. Also, calculates air volume and BTU capacity. Excellent for HVAC, IAQ and environmental work. Auto ranging with air velocity in m/s or ft/s, air volume in CFM or m<sup>3</sup>/sec and temperature in °C or °F. Features min/max/ave, hold, auto power off and LCD backlight. The probe detaches for easy replacement and repair. Comes in a hard carrying case complete with a probe, tripod mounting screw and 4 AAA batteries. Uses optional AC Adapter (840027).

DIM: 7" x 3" x 1½" (178 x 76 x 38 mm). SENSOR HEAD DIAMETER: 3" (76 mm). WEIGHT: 10 oz (283 g).

**No. Description**

- 840034 Psychrometer/Anemometer**
- 840027 AC Adapter
- 840089 Rubber Holster
- 840090 Water Resistant Instrument Pouch
- 840093 Field Tripod



|                                       | Range                        | Resolution       | Accuracy                             |
|---------------------------------------|------------------------------|------------------|--------------------------------------|
| Air Volume m <sup>3</sup> /sec        | 0 to 99999                   | 0.1 (0 to 99.9)  | ±2%rdg +0.2 m/s                      |
| Air Volume CFM (ft <sup>3</sup> /min) |                              | 1 (1000 to 9999) |                                      |
| Airspeed m/s                          | 0.3 to 35                    | 0.1              |                                      |
| Airspeed ft/s                         | 1 to 114                     |                  |                                      |
| Air Temperature                       | -4 to 140°F<br>-20 to 60°C   | 0.1              | ±1°F<br>±0.6°C                       |
| RH                                    | 0 to 100%                    |                  | ±3%@10 to 90% RH<br>otherwise ±5%    |
| Dew Point                             | -90 to 158°F<br>-68 to 70°C  |                  | 0.1 (0 to 99.9)<br>1 (1000 to 99999) |
| Wet Bulb                              | -7.6 to 158°F<br>-22 to 70°C |                  |                                      |
| Capacity BTU/H                        | 0 to 99999 kW                |                  |                                      |