The VELOCICALC 5725 is a high performance, yet simple to use, rotating vane anemometer. High accuracy and reliability make the VELOCICALC 5725 the professional’s ideal tool for measuring unevenly distributed or fluctuating flows through heating and cooling coils, diffusers, grilles, and filters.

It accurately measures air velocity and temperature, calculates flow rate, performs averaging, and can determine minimum and maximum readings. Using sweep mode you can quickly provide one averaged reading of velocity or volume over a large measurement area. The large vane head automatically averages velocity and volume readings. The VELOCICALC 5725 includes variable time constant, sampling and statistics functions and data logging capability.

Applications
- Heating and cooling coil analysis
- Diffuser and grille measurements
- Fume hood face velocity tests
- Indoor air quality tests
- Filter face velocity measurements
Aircone Flow Hoods

Aircone Flow Hoods are a fast and accurate method of maximizing the usefulness of your 4-inch (100-mm) rotating vane anemometers. For a modest investment, you can enhance the capability of your rotating vane, turning it into an air volume flow balancing tool.

Features and Benefits
- Rectangular and circular cones available
- Measures volumetric flow at grilles, diffusers, and lines
- Reads air volume quickly and accurately
- Excellent choice for small grilles

TSI Aircone Flow Kit (p/n 801749) includes one each:
- Rectangular 285 x 235 mm (11.2 x 9.2 in.)
- Round 180 mm (7.1 in.) diameter

Specifications

**VELOCCALC Model 5725**

**Velocity**
- Range: 0.25 to 30 m/s (50 to 6,000 ft/min.)
- Accuracy: ±1.0% of reading or ±0.02 m/s (±4 ft/min.), whichever is greater

**Duct Size**
- Range: 0 to 16 m² (0 to 173.6 ft²)

**Volumetric Flow Rate**
- Range: Actual range is a function of velocity and duct area

**Temperature**
- Range: 0 to 60°C (32 to 140°F)
- Accuracy: ±0.5°C (±2°F)
- Resolution: 0.1°C (0.1°F)

**Instrument Temperature Range**
- Operating (Electronics): 5 to 45°C (40 to 113°F)
- Operating (Vane Head): 0 to 60°C (32 to 140°F)
- Storage: -20 to 60°C (-4 to 140°F)

**Data Storage Capabilities**
- Range: 12,700+ samples and 100 test IDs

**Logging Interval**
- 1 second to 1 hour

**Time Constant**
- User selectable

**External Meter Dimensions**
- 8.4 cm x 17.8 cm x 4.4 cm (3.3 in. x 7.0 in. x 1.8 in.)

**Power Requirements**
- One 9-volt alkaline or NiCad battery

Specifications are subject to change without notice.