

Rotating Vane Anemometer TSI

Model VelociCalc 5725

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, grilles, and filters.

SPECIFICATIONS

Velocity	
Range	50 to 6,000 ft/min (0.25 to 30 m/s)
Accuracy	±1.0% of reading ±4 ft/min (±0.02 m/s)
Duct Size	
Range	0 to 500 ft ² (0 to 46.45 m ²)
Volumetric Flow Rate	
Range	Actual range is a function of velocity and duct area
Temperature	
Range	40 to 113°F (5 to 45°C)
Accuracy	±2.0°F (±1.0°C)
Resolution	0.1°F (0.1°C)
Instrument	
Temperature Range	
Operating (Electronics)	40 to 113°F (5 to 45°C)
Storage	-4 to 140°F (-20 to 60°C)
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 (HxWxD)	3.3 in. x 7.0 in. x 1.8 in. (8.4 cm x 17.8 cm x 4.4 cm)
Meter Weight with Batteries	0.6 lbs (0.27 kg)
Power Requirements	Four AA-size batteries or optional AC adapter



APPLICATIONS

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

INCLUDED ITEMS

- Instrument with 100-mm vane
- Carrying case
- Alkaline batteries
- Operation and service manual
- USB cable with LogDat2™ Downloading Software
- Calibration certificate