TSI VOC probes are pre-calibrated, plug-and-play accessory probes for multi-purpose meters including, Q-Trak™ Monitor 7575, VelociCalc® meter 9565 and Airflow™ Instruments TA465 meter. When combined with these meters, long-term data analysis can be performed and reported, which is useful for monitoring or investigating the indoor environment.

**Applications**
+ IAQ investigations  
+ Industrial hygiene surveys  
+ Building commissioning  
+ Track down emissions to their source

**Data Collection and Reporting**
Expanded data logging capacity and the inclusion of TrakPro™ Data Analysis Software provides the capabilities to work more effectively and efficiently. The Q-Trak monitor can store up to 38.9 days of data collected at one-minute log intervals. The stored data can be recalled, reviewed on screen, and downloaded for easy reporting. TrakPro software helps you to generate professional graphs for your reports.

**Features and Benefits**
+ Pre-calibrated plug-and-play accessory probes for TSI Q-Trak Monitor 7575, VelociCalc Meter 9565 and Airflow Instruments TA465 Meter  
+ Compact design with ergonomic handle  
+ Four versions available with multiple measurement capabilities  
  - Model 984 - Low concentration (ppb) VOC and temperature  
  - Model 985 - High concentration (ppm) VOC and temperature  
  - Model 986 - Low concentration (ppb) VOC, temperature, CO₂, and humidity  
  - Model 987 - High concentration (ppm) VOC, temperature, CO₂, and humidity  
+ Two-year factory warranty  
+ Send only the probe back for factory calibration
Field Service
TSI VOC probes are competitively priced to others in the marketplace but feature a lower cost of ownership due to its compact design and construction, which is geared for field service capability.

+ Field calibration
  - Temperature
  - Relative humidity
  - Volatile organic compounds (VOC)
  - Carbon dioxide (CO₂)
+ Replaceable sensors
+ Sensor maintenance
  - Lamp cleaning
  - Lamp replacement

Instrumentation
The Q-Trak Monitor 7575, VelociCalc Meter 9565 and Airflow Instruments TA465 Meter feature a menu-driven user interface for easy operation. VOC probes are also compatible with Airflow™ Instruments TA460 series and TSI’s discontinued 7565 and 9555 series, if instrument firmware is at revision 2.10 or higher.

On-screen prompts and step-by-step instructions guide the user through operation and field calibration. These instruments also feature an ergonomic, over molded case design and a keypad lockout to prevent tampering during unattended use.

+ Display up to five measurements simultaneously
+ Log multiple parameters to investigate trends
+ Calculate dew point, wet bulb and percent outside air (VOC models 986 and 987)
+ Store up to 38.9 days of data collected at one-minute log intervals when used with the Q-Trak 7575 Meter
+ User selectable logging intervals and start/stop times
+ Internal barometric pressure sensor
+ Download data to TrakPro Data Analysis Software
  - Report generation
  - Graph creation
  - Instrument programming

Model 984 Low Concentration (ppb) VOC and Temperature
Range 10 to 20,000 ppb, -10 to 60°C (14 to 140°F)
Accuracy ±0.5°C (±1.0°F)
Resolution 10 ppb, 0.1°C (0.1°F)

Model 985 High Concentration (ppm) VOC and Temperature
Range 1 to 2,000 ppm, -10 to 60°C (14 to 140°F)
Accuracy ±1.0°C (±0.5°F)
Resolution 1 ppm, 0.1°C (0.1°F)

Model 986 Low Concentration (ppb) VOC, Temperature, CO₂, and Humidity
Range 10 to 20,000 ppb VOC, 0 to 5,000 ppm CO₂, -10 to 60°C (14 to 140°F), 5 to 95% RH
Accuracy ±3% of reading or 50 ppm CO₂, whichever is greater ±0.5°C (±1.0°F), ±3% RH
Resolution 10 ppb VOC, 0.1 ppm CO₂, 0.1°C (0.1°F), 0.1% RH

Model 987 High Concentration (ppm) VOC, Temperature, CO₂, and Humidity
Range 1 to 2,000 ppm VOC, 0 to 5,000 ppm CO₂, -10 to 60°C (14 to 140°F), 5 to 95% RH
Accuracy ±3% of reading or 50 ppm CO₂, whichever is greater ±0.5°C (±1.0°F), ±3% RH
Resolution 1 ppm VOC, 0.1 ppm CO₂, 0.1°C (0.1°F), 0.1% RH

Probe Dimensions
Length (excluding handle) 17.8 cm (7.0 in.)
Base Diameter 1.9 cm (0.75 in.)
Tip Diameter 2.54 cm (1.0 in.)

Note: The 984 and 988 probes are designed to measure ppb concentrations of VOCs. The 10 to 20,000 ppm range corresponds to 0.01 to 20 ppm.

1 Accuracy with instrument case at 25°C (77°F), add uncertainty of 0.05°C/°C (0.05°F/°F) for change in instrument temperature.
2 Accuracy with probe at 25°C (77°F), add uncertainty of ±0.36%/°C (±0.2%/°F) away from calibrated temperature.
3 Accuracy with probe at 25°C (77°F), add uncertainty of ±0.2% RH/°C (±0.1% RH/°F) for change in probe temperature. Includes 1% hysteresis.
4 When response factor is set to 1.00.

Specifications are subject to change without notice.

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