

ENERGY AND COMFORT

Indoor Air Quality Instruments



Model 7565

Features and Benefits

- Measures dew point, wet bulb and percent outside air
- Displays and data logs up to 5 measurements simultaneously
- One instrument with multiple plug-in probe options
- User-selectable logging intervals and start/stop times
- Store up to 38.9 days of data collected at one-minute log intervals
- TRAKPRO™ software provided for data logging, analysis and documenting results
- Perform single-point tests for quick building surveys

Easy to Use

The Q-TRAK features a menu-driven user interface for easy operation. On-screen prompts and step-by-step instructions guide the user through operation and field calibration. The Q-TRAK also features an ergonomic, overmolded case design and a keypad lockout to prevent tampering during unattended use.

Q-TRAK™ Indoor Air Quality Monitor

Model 7565

Providing a comfortable, safe and healthy indoor environment is an increasingly important concern. Good air quality increases concentration and productivity. It can also reduce lost days due to absence. TSI's Q-TRAK IAQ Monitor provides quick, accurate information to assess key IAQ parameters.

Accurate Results

The Q-TRAK monitor's state-of-the-art sensors and large, easy-to-read graphics allow real-time, simultaneous display of temperature, relative humidity, CO₂ and CO. The user can even review previously stored data without interrupting a test in progress.

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 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.



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Specifications

Q-TRAK Model 7565

CO₂

Sensor Type	Dual-wavelength NDIR (non-dispersive infrared)
Range	0 to 5,000 ppm
Accuracy¹	±3.0% of reading or ±50 ppm, whichever is greater
Resolution	1 ppm
Response Time	20 seconds ²

Temperature

Sensor Type	Thermistor
Range	32 to 140°F (0 to 60°C)
Accuracy	32 to 140°F (0 to 60°C)
Resolution	0.1°F (0.1°C)
Response Time	30 seconds (90% of final value, air velocity at 2 m/s)

Relative Humidity

Sensor Type	Thin-film capacitive
Range	5 to 95% RH
Accuracy²	±3% RH
Resolution	0.1% RH
Response Time	20 seconds
Resolution	0.1% RH
Response Time	20 seconds (for 63% of final value)

% Outside Air

Range	0 to 100%
Resolution	0.1%

CO

Sensor Type	Electro-chemical
Range	0 to 500 ppm
Accuracy	±3% of reading or 3 ppm, whichever is greater
Resolution	0.1 ppm
Response Time	<60 seconds to 90% step change

Operating Temperature

32 to 113°F (0 to 45°C)

Storage Temperature

-4 to 158°F (-20 to 70°C)

Logging Capability

Range	Logs up to 56,035 data points with all measured parameters enabled, 38.9 days at 1-minute log intervals
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Time Constants

1 sec, 5 sec, 10 sec, 20 sec, 30 sec (user selectable)



Log Intervals

1 second up to 1 hour (user selectable)

Meter Dimensions

4.6 in. × 8.0 in. × 1.9 in. (117 mm × 208 mm × 48 mm)

Probe Dimensions

Length	4.6 in. × 8.0 in. × 1.9 in. (117 mm × 208 mm × 48 mm)
Diameter	0.74 in. (19 mm)

Weight (with batteries)

1.16 lbs (0.53 kg)

Power Requirements

Four AA-size alkaline batteries or AC adapter, both included

	7565
CO ₂	•
CO	•
Temperature	•
%RH, wet bulb, and dew point	•
%Outside air	•
Statistics	•
Review data	•
Optional plug-in probes	•
TRAKPRO data analysis software	•
LogDat2 downloading software	•
Calibration Certificate	•

¹ At 77°F (25°C). Add uncertainty of ±0.2%/°F (±0.36%/°C) away from calibrated temperature.

² At 77°F (25°C). Add uncertainty of ±0.03% RH/°F (±0.05% RH/°C) away from calibrated temperature.

Specifications are subject to change without notice.

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