TSI Model 8551 Q-Trak

The Model 8551 Includes:

- Q-Trak Instrument with Probe
- Carrying Case
- Power Cord/Adapter
- Probe Stand
- TrakPro Data Analysis Software with Manual
- CO and CO2 Calibration Adapters
- Computer Cable
- Operation Manual

Specifications:

- Approximate Shipping Weight: 9 lbs.
- Display Time Constant: Adjustable from 2 to 60 seconds
- Data Logging: 63,000 data points (10 days of logging CO2, temperature and humidity once/minute)
- Logging Interval: Adjustable from 1 second to 1 hour
- External Dimensions: 4.2" x 7.2" x 1.5"
- Probe Length: 6-1/2"
- Probe Diameter: 3/4"
- Operating Temperature: 41 to 113° F (5 to 45° C)
- Display: 4-digit LCD, 0.6" digit height
- Output: Serial Interface, RS-232 1200 baud
- Power: AC adapter included/ 4 AA batteries (13.5 hours with alkaline batteries)

CO:
- Sensor Type: Electro-Chemical
- Range: 0-500 ppm
- Accuracy: $\pm$ 3% of reading or 3 ppm, whichever is greater. (At calibration temperature. Add uncertainty of $\pm$ 0.28%/° F (0.5%/° C) for change in temperature.)
- Resolution: 1 ppm
- Repeatability: $\pm$ 2% of reading
- Response Time: < 60 sec to 90% of final value

CO2:
- Sensor Type: Non-Dispersive Infrared (NDIR)
- Range: 0 to 5000 ppm
- Accuracy: $\pm$ 3% of reading $\pm$ 50 ppm (At 77° F (25° C) Add uncertainty of $\pm$ 0.2%/° F (0.36%/° C) for change in temperature.)
- Resolution: 1 ppm
- Response Time: 20 seconds (For 63% of final value for 500 ppm step change.)

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Temperature:
- ➢ Sensor Type: Thermistor
- ➢ Range: 32 to 122° F (0 to 50° C)
- ➢ Accuracy: ± 1.0° F(0.6° C)
- ➢ Resolution: 0.1° F (0.1 ° C)
- ➢ Response Time: 120 seconds (For 63% of final value.)
- ➢ Displayed Units: ° F or ° C (user-selectable)

Humidity:
- ➢ Sensor Type: Electro-Chemical
- ➢ Range: 5 to 95% RH
- ➢ Accuracy: ± 3% RH (Includes ± 1% hysteresis)
- ➢ Resolution: 0.1% RH
- ➢ Response Time: 20 seconds (For 63% of final value.)

Rental/Application Notes:

TrackPro Software:
1. Operating System Requirements: MS-DOS 3.1 or higher with Windows 3.0 or higher
2. Hardware Requirements: 386 or higher PC with 2MB or more RAM. Program distributed on either 3-1/2" or 5-1/4" floppy disks
3. Color VGA or higher resolution monitor
4. TrakPro Software includes data comparison features for use with multiple instruments, customized logging protocols, report generation and data export.
5. When renting, equipment must be returned in its original packaging.