Validation Solutions

TrackSense® Pro Wireless Data Logger

Rigid High Temperature Sensor

Key Features & Benefits

- ✓ Unique interchangeable sensor option
- ✓ Real-time data option with Sky module
- ✓ Works in conjunction with the ValSuite® validation & calibration software
- ✓ FDA 21 CFR Part 11 compliant
- ✓ Temperature range of **0 to +400 °C**
- ✓ Industry leading accuracy of **± 0.5 °C**
- ✓ Covers various applications within pharmaceutical, food and medical industries


Temperature Measurements


Live Data Option Available


Interchangeable Sensor Design

TrackSense® Pro Data Loggers

The wireless TrackSense® Pro data loggers are made of a high resistant stainless steel with cutting edge technology that allows for immensely accurate and stable measurements when performing various thermal processes.

All TrackSense® Pro data loggers are configured with interchangeable sensors able to measure temperature, vacuum, relative humidity, pressure, conductivity and CO_2.

Ellab's data loggers are easily activated and read by the Multi reader station. When combined with the Sky module, data loggers can provide real time data via wireless communication. Utilizing the numerous functions of the FDA 21 CFR, Part 11 compliant ValSuite™ software, data is easily analyzed and distributed through various report options

Interested in this product? Contact sales today

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Technical Specifications

Sensor with this logger configuration:	**Rigid High Temperature Sensor**
Temperature Measuring Range:	0 to +400 °C (>150 °C using Thermal Barrier)
Measuring Principle:	Electrical Resistance
Sensor Element:	Pt1000
Diameter:	3 mm
Length:	From 150 mm
Position of Measuring Point from Tip:	3 mm
Accuracy:	
0 to 400 °C:	± 0.5 °C
Sensor Response Time:	
T-63%:	1 Second
T-90%:	2 Seconds
Logger with this sensor configuration:	**Pro 3G**
Operating Temperature:	0 to +400 °C (>150 °C using Thermal Barrier)
Operating Pressure:	Ambient to 10 Bar ABS
House Material:	316L Stainless Steel
Diameter:	25 mm
Length:	44 mm
Weight with Battery:	48 Grams
Memory Capacity:	120,000 Data Points / 120,000 Samples
Minimum Sample Rate:	1 Second
Maximum Sample Rate:	24 Hours
Maximum Start Delay:	14 Days
Intrinsically Safe:	Ex II1GD Ex ia IIC T3 Ga, -50°C ≤ Tamb ≤ +105°C
Time Accuracy:	± 5 Seconds Per 24 Hours
Battery:	TSP Standard Battery

If equipment is used in ATEX environment, special conditions for safe use are stated in ATEX certificates, section 17 must be considered.