Validation & Monitoring
Solutions

TrackSense® Pro Wireless Data Logger
Rigid Multipoint Temperature Sensor

Key Features & Benefits

✓ Unique interchangeable sensor option

✓ Works in conjunction with the ValSuite® validation & calibration software

✓ FDA 21 CFR Part 11 compliant

✓ Temperature range of **-50 to +150 °C**

✓ Industry leading accuracy of **± 0.05 °C**

✓ Covers various applications within pharmaceutical, food and medical industries

Temperature
Measurements

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. 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 Multipoint Temperature
Temperature Measuring Range:	-50 to +150 °C
Measuring Principle:	Electrical Resistance
Sensor Element:	Pt1000
Diameter:	2.5 mm
Length:	50 mm or 100 mm
Position of Measuring Points:	Marking
Accuracy:	
-50 to -40 °C:	± 0.2 °C
-40 to -25 °C:	± 0.1 °C
-25 to +150 °C:	± 0.05 °C
Sensor Response Time:	
T-63%:	0.8 Second
T-90%:	1.7 Second
Logger with this sensor configuration:	Pro 3G
Operating Temperature:	-50 to +150°C
Operating Pressure:	0.001 mBar 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 / 30,000 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.