ellab
Validation Solutions

TrackSense® Pro XL Wireless Data Logger
Pressure and Rigid 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

✓ Pressure range of **15 mBar to 6 Bar Absolute**

✓ Industry leading accuracy of **± 0.25% Full Scale**

✓ Extended battery capacity

✓ Covers various applications within pharmaceutical, food and medical industries

Pressure Measurements

Temperature Measurements

Live Data Option Available

Interchangeable Sensor Design

TrackSense® Pro XL Data Loggers

The wireless TrackSense® Pro XL 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. The XL series is the most versatile wireless data logger on the market, offering a wider temperature range and an extended battery capacity.

All TrackSense® Pro XL data loggers are configured with interchangeable sensors able to measure temperature, relative humidity, vacuum , 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:	Pressure and Rigid Temperature Sensor
Pressure Measuring Range:	15 mBar to 6 Bar ABS (Calibrated 0 to +140°C)
Measuring Principle:	Piezoresistive / Electrical Resistance
Sensor Element:	Strain Gauge / Pt1000
Accuracy:	± 0.25% Full Scale
Temperature Measuring Range:	-20 to +150 °C (Calibrated 0 to +140°C)
Temperature Accuracy:	
0 to +150 °C:	± 0.05 °C
Temperature Response Time:	
T-63%:	0.8 Second
T-90%:	1.7 Second
Logger with this sensor configuration:	Pro XL 3G
Operating Pressure:	0.001 mBar to 10 Bar ABS
Operating Temperature:	-20 to +150 °C
House Material:	316L Stainless Steel
Diameter:	25 mm
Length:	68.8 mm
Weight with Battery:	80 Grams
Memory Capacity:	120,000 Data Points / 40,000 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, -55°C ≤ Tamb ≤ +105 °C
Time Accuracy:	± 5 Seconds Per 24 Hours
Battery:	TSP 150L Battery

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