

# TrackSense® Pro Basic 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**
- ✓ Covers various applications within [pharmaceutical](#), [food](#) and [medical](#) industries



### TrackSense® Pro Basic Data Loggers

The wireless [TrackSense® Pro Basic 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<sub>2</sub>.

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](#)

## Technical Specifications

<b>Sensor with this logger configuration:</b>	<b>Pressure and Rigid Temperature Sensor</b>
Pressure Measuring Range:	15 mBar to 6 Bar ABS (Calibrated 0 to +105°C)
Measuring Principle:	Piezoresistive / Electrical Resistance
Sensor Element:	Strain Gauge / Pt1000
Accuracy:	± 0.25% Full Scale
Temperature Measuring Range:	-20 to + 105 °C (Calibrated 0 to +105°C)
Temperature Accuracy:	
0 to + 105 °C:	± 0.05 °C
Temperature Response Time:	
T-63%:	0.8 Second
T-90%:	1.7 Second
<b>Logger with this sensor configuration:</b>	<b>Pro Basic 3G</b>
Operating Pressure:	0.001 mBar to 10 Bar ABS
Operating Temperature:	-20 to + 105 °C
House Material:	316L Stainless Steel
Diameter:	25 mm
Length:	44 mm
Weight with Battery:	48 Grams
Memory Capacity:	120,000 Data Points / 40,000 Samples
Minimum Sample Rate:	0.33 Second
Maximum Sample Rate:	24 Hours
Maximum Start Delay:	14 Days
Intrinsically Safe:	Ex II1GD Ex ia IIC T3 Ga, -30°C ≤ Tamb ≤ +105°C
Time Accuracy:	± 5 Seconds Per 24 Hours
Battery:	<a href="#">TSP Standard Battery</a>

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