

TrackSense® Pro Micro Wireless Data Logger

Pressure and Temperature Sensor

Key Features & Benefits

- ✓ Extremely slim design for applications that require small diameters
- ✓ Suited for measurements inside e.g. bottles during pasteurization and sterilization/retorting
- ✓ Works in conjunction with the [ValSuite®](#) validation & calibration software
- ✓ FDA 21 CFR Part 11 compliant
- ✓ Measuring range **10 mBar to 6 Bar Absolute** and **-20 to +140 °C**
- ✓ Industry leading accuracy of **± 0.25% Full Scale** and **± 0.05 °C**



TrackSense® Pro Micro Data Loggers

The wireless [TrackSense® Pro Micro data loggers](#) consist of immensely resistant stainless steel with high-end technology that allows for accurate and stable measurements when performing various thermal processes.

All TrackSense® Pro Micro data loggers are designed with minimal size in mind, allowing for internal mounting in various containers and products in order to measure the temperature and pressure.

Ellab's data loggers are easy to activate and read by the [Multi reader station](#). Utilizing the numerous functions of the FDA 21CFR Part11 compliant ValSuite™ software, data is easily analyzed and distributed through various report options.

Interested in this product? [Contact sales today](#)

Technical Specifications

Sensor:	Pressure and Temperature Sensor
Pressure Measuring Range:	10 mBar to 6 Bar ABS
Measuring Principle:	Piezoresistive / Electrical Resistance
Sensor Element:	Strain Gauge / Pt1000
Accuracy:	± 0.25% Full Scale
Temperature Measuring Range:	-20 to +140 °C
Temperature Accuracy:	± 0.05 °C
Temperature Sensor Response Time:	
T-63%:	16 Seconds
T-90%:	37 Seconds
Operating Pressure:	0 mBar to 10 Bar ABS
Operating Temperature:	-20 to +140 °C
Material:	316L Stainless Steel
Volume:	5.1 cm ³
Logger Diameter:	15 mm
Logger Height:	30 mm
Weight with Battery:	17.8 Grams
Memory Capacity:	30,000 Data Points / 10,000 Samples
Minimum Sample Rate:	1 Second
Maximum Sample Rate:	24 Hours
Intrinsically Safe:	Not ATEX approved
Battery:	2 TSP Micro Batteries