

TrackSense® Pro Compact UX Wireless Data Logger SmartFlex Temperature Sensor

Key Features & Benefits

- ✓ Works in conjunction with the [ValSuite®](#) validation & calibration software
- ✓ FDA 21 CFR Part 11 compliant
- ✓ Temperature range of **-80 to +140 °C**
- ✓ Industry leading accuracy of **± 0.1 °C**
- ✓ Covers various applications within [pharmaceutical](#), [food](#) and [medical](#) industries



TrackSense® Pro Compact UX Data Loggers

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

All TrackSense® Pro Compact data loggers are designed to be simple to use and robust, offering integrated sensors that allow for measurements of temperature and pressure.

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](#)

Technical Specifications

Sensor:	SmartFlex Temperature Sensor
Temperature Measuring Range:	-80 to +140 °C
Measuring Principle:	Electrical Resistance
Sensor Element:	Pt1000
Sensor Diameter:	1.8 mm (PTFE)
Sensor Length Types:	300 and 500 mm
Position of Measuring Point from Tip:	3 mm
Accuracy:	
-80 to -40 °C:	± 0.3 °C
-40 to +140 °C:	± 0.1 °C
Sensor Response Time:	
T-63%:	2.2 Seconds
T-90%:	4.3 Seconds
Operating Pressure:	0 mBar to 10 Bar ABS
Material:	316L Stainless Steel
Volume:	29.4 cm ³
Logger Diameter:	25 mm
Logger Length:	60 mm
Weight with Battery:	72 Grams
Memory Capacity:	60,000 Data Points / 60,000 Samples (14,500 Data Points in ValSuite versions older than 5.0.0.7)
Minimum Sample Rate:	1 Second
Maximum Sample Rate:	24 Hours
Intrinsically Safe:	Not ATEX approved
Battery:	TSP 150L Battery