

TrackSense® Frigo Wireless Data Logger

Semi Flexible Temperature Sensor

Key Features & Benefits

- ✓ Works in conjunction with the [ValSuite®](#) validation & calibration software
- ✓ FDA 21 CFR Part 11 compliant
- ✓ Temperature range of **-196 to +85 °C**
- ✓ Industry leading accuracy of **± 0.1 °C**
- ✓ Covers various applications within [pharmaceutical](#), [food](#) and [medical](#) industries



TrackSense® Frigo Data Loggers

The wireless [TrackSense® Frigo 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 Frigo data loggers were designed with ultra-low temperature performance in mind, allowing measurements of temperature in applications such as deep-freezing storage and freeze drying.

Ellab's data loggers are easily activated and read by the [Multi reader station](#). Utilizing 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:	Semi Flexible Temperature Sensor
Temperature Measuring Range:	-90 to +85 °C -196 to -90 °C when keeping logger at ambient
Measuring Principle:	Electrical Resistance
Sensor Element:	Pt1000
Sensor Lengths:	30 or 50 mm
Sensor Diameter:	1.5 mm (steel)
Position of Measuring Point from Tip:	3 mm
Accuracy:	
-90 to +85°C	± 0.1°C
-196 to -90°C	± 3°C (± 0.5°C if calibrated and adjusted at -196°C)
Sensor Response Time:	
T-63%:	0.5 Second
T-90%:	0.7 Second
Operating Pressure:	0 mBar to 1.2 Bar ABS
House Material:	316L Stainless Steel
Volume:	29.4 cm ³
Logger Diameter:	25 mm
Logger Height:	60 mm
Weight with Battery:	72 Grams
Memory Capacity:	60,000 Data Points / 60,000 Samples
Minimum Sample Rate:	1 Second
Maximum Sample Rate:	15 Minutes
Intrinsically Safe:	Not ATEX approved
Battery:	TS Frigo 85L Battery