

TrackSense® Pro Wireless Data Logger

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
- ✓ Temperature range of **-50 to +150 °C**
- ✓ Industry leading accuracy of **± 0.05 °C**
- ✓ Covers various applications within [pharmaceutical](#), [food](#) and [medical](#) industries



TrackSense® Pro Data Loggers

The wireless [TrackSense® Pro 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 CO₂.

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

| | |
|---|---|
| Sensor with this logger configuration: | Rigid Temperature |
| Temperature Measuring Range: | -50 to +150 °C |
| Measuring Principle: | Electrical Resistance |
| Sensor Element: | Pt1000 |
| Diameter: | 2 mm |
| Length: | From 10 mm |
| Position of Measuring Point from Tip: | 3 mm |
| Accuracy: | |
| -50 to -40 °C: | ± 0.2 °C |
| -40 to -25 °C: | ± 0.1 °C |
| -25 to +150 °C: | ± 0.05 °C |
| Sensor Response Time: | |
| T-63%: | 0.8 Second |
| T-90%: | 1.7 Second |
| Logger with this sensor configuration: | Pro 3G |
| Operating Temperature: | -50 to +150 °C |
| Operating Pressure: | 0.001 mBar to 10 Bar ABS |
| House Material: | 316L Stainless Steel |
| Diameter: | 25 mm |
| Length: | 44 mm |
| Weight with Battery: | 48 Grams |
| Memory Capacity: | 120,000 Data Points / 120,000 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, -50°C ≤ Tamb ≤ +105°C |
| Time Accuracy: | ± 5 Seconds Per 24 Hours |
| Battery: | TSP Standard Battery |

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