

TrackSense® Pro XL Wireless Data Logger

Bowie Dick Sensor

Key Features & Benefits

- ✓ Accurate, reliable and cost efficient
- ✓ Very compact size
- ✓ User-friendly and intuitive software
- ✓ Eliminates guesswork and provides an objective result
- ✓ Replaceable PCD to run several cycles in a sequence
- ✓ Verification of critical sterilization parameters beyond that of traditional methods



TrackSense® Pro XL Data Loggers

The wireless [TrackSense® Pro XL 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. The XL series is the most versatile wireless data logger on the market, offering a wider temperature range and an extended battery capacity.

All TrackSense® Pro XL data loggers are configured with [interchangeable sensors](#) able to measure temperature, relative humidity, vacuum, pressure, conductivity and CO₂.

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 with this logger configuration:	Bowie Dick Sensor
ISO Standard Compliance:	11140-4:2007 type B1, B2 and B3 at 121 °C and 134 °C
3rd Party Test Institute:	SAL GmbH
Type of Sterilizers:	Steam Sterilizers / Autoclaves qualified for sterilization at 121°C or +134 °C according to EN 285 (volume larger than 60 L) and EN ISO 17665 (moist heat autoclaves)
Measuring Principle:	Piezoresistive / Electrical Resistance
Sensor Type:	Strain Gauge / Pt1000
Temperature Measuring Range:	0 to +140 °C (Calibrated +25 to +140 °C)
Temperature Accuracy: +25 to +140 °C:	± 0.05 °C
Temperature Response Time:	
T-63%	0.8 Second
T-90%	1.7 Second
Pressure Measuring Range:	10 mBar to 6 Bar
Accuracy:	± 0.25% Full Scale (± 15 mBar)
PCD Housing Material:	PEEK
Logger with this sensor configuration:	Pro XL 3G
Operating Temperature:	-20 to +150 °C
Operating Pressure:	0.001 mBar to 10 Bar ABS
Housing Material	316L Stainless Steel
Diameter:	25 mm
Length:	125 mm including PCD (30 mm)
Weight with Battery:	240 g
Memory Capacity:	120,000 Data Points / 30,000 Samples
Minimum Sample Rate:	1 Second
Maximum Sample Rate:	24 Hours
Intrinsically Safe:	Ex II1GD ia IIC T3 Ga, -55 °C ≤ Tamb ≤ +105 °C
Time Accuracy:	± 5 Seconds Per 24 Hours
Battery:	TSP 150L Battery

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