Validation & Monitoring Solutions

TrackSense® Pro 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


Temperature Measurements


Pressure Measurements


Interchangeable Sensor Design

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 CO_2.

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

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Technical Specifications

Sensor Specification for this 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 Specification for this configuration:	**Pro 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:	100.2 mm including PCD (30 mm)
Weight with Battery:	208 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, -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.