

SteriSense®

Electronic Bowie Dick Test

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
- ✓ Up to 1,000 test cycles between each calibration



Product Description

SteriSense is an innovative device for electronic Bowie Dick tests that is unmatched in accuracy, performance and reliability. SteriSense is by far the most compact electronic Bowie Dick test on the market and provides far more insight into critical sterilization parameters than previously possible.

Unlike traditional chemical indicators, where you subjectively decide according to a change in color, SteriSense provides you with an accurate report that eliminates any guess work.

SteriSense is extremely easy to use and requires very little training. With just a single click in the software, the SteriSense measuring device will start to measure and record data. Once the Bowie Dick Test Program is done, the device is simply placed back in the reader station where the software automatically processes the data and provides a test result – simple and easy!

Interested in this product? [Contact sales today](#)

Technical Specifications

SteriSense Unit

| | |
|---------------------------------------|--|
| ISO Standard Compliance: | 11140-4:2007 type B1, 134 °C |
| 3rd Party Test Institute: | SAL GmbH |
| Type of Sterilizers: | Steam Sterilizers / Autoclaves qualified for sterilization at +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 |
| Pressure Measuring Range: | 10 mBar to 6 Bar |
| Accuracy: | ± 0.25% Full Scale (± 15 mBar) |
| Logger Housing Material: | 316L Stainless Steel |
| PCD Housing Material: | PEEK |
| Operating Temperature: | -20 to +150 °C |
| Operating Pressure: | 0.001 mBar to 10 Bar ABS |
| Diameter: | 25 mm |
| Length: | 125 mm including PCD (30 mm) |
| Weight with Battery: | 240 g |
| Memory Capacity: | 40,000 Data Points / 10,000 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 |
| Expected Battery Lifetime: | 1,000 Tests / 500 Hours (at +134 °C with Sample Rate of 1 second) |

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