

Specification Sheet

Bore Mapping Sensor - 25 mm cannon

Sensor Specifications

- Sensor Measurement Resolution: 0.0025 mm (0.0001 inch)
- Sensor Linearity: 0.0127 mm (0.0005 inch)
- Measuring Range: 24.5 mm – 26.5 mm (0.768 – 0.846 inch) diameter
- Laser Spot Size (avg.): 0.05 mm (0.002 inch)
- Laser Power: 5 mW max @ 650 nm
- Laser Power Classification: Class I (sensor outside of component)
Class 3a (sensor inside of component)
- Angular Sampling Resolution: Variable – 1200 samples per revolution
- Linear Sampling Resolution: Variable – up to 0.05 mm (0.002 inch)

Other features and functions

- Replaceable centering mechanisms
- Compatible and interchangeable with Sensor Delivery Unit - 20/30
- Requires 25 mm Guide Tube Adapter and certified calibration standard