

Application Note

The Fastest, Easiest, Most Accurate Way to Compare a Part to a CAD File™

THE PERFECT SOLUTION FOR STENT INSPECTION & MEASUREMENT

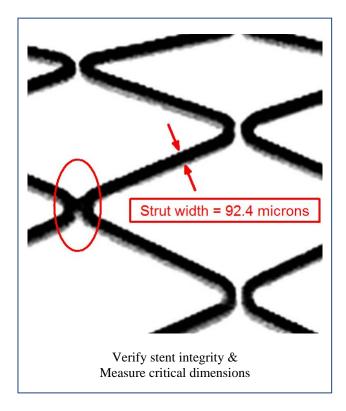
The VisionGauge® Digital Optical Comparator is the ideal solution to carry out the inspection & measurement of coronary, endovascular and other types of stents:

- Quickly check 100% of your parts, directly on the production floor
- Eliminate operator subjectivity
- Fast & accurate
- Carry out both defect detection & measurements
- We offer a complete range of solutions: from manual to fully-automated
- No limitations on the stent length or diameter. You can check parts across the entire stage travel so that even large parts can be checked at high magnification, with very fine resolution.
- Integrated 4th axis rotating mandrel allow for full 360° inspection at very high resolution
- Supports both bare-metal uncoated stents and drug-eluting coated stents
- With its extended optical depth-of-field and very long working distance, the system is perfectly suited to deal with the challenges of stent inspection.
- The system has a broad set of measurement, defect detection & pattern matching tools to quickly, easily and very accurately carry out all required verifications.
- Advanced patented & patent-pending technology!
- Automatically measure and display deviations from nominal and quickly identify out-of-tolerance areas.
- Operator review tool can be used for defect evaluation & classification.
- Automatically collect measurements, statistics, images and other data for complete documentation & reporting.

The VisionGauge® Digital Optical Comparator can verify stent integrity, measure critical dimensions and verify patterns.



VisionGauge® supports different types, lengths & diameters of stents



- Fast!
- Accurate!
- Easy to operate!



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