

Close the **Validation Loop**

Precision non-contact technologies enable real-time, dynamic in-process measurements, eliminating the need for post-process verification and improving overall manufacturing accuracy.

The Problem

- Operator-dependent
- Inconsistent across shifts
- Time-consuming and difficult to scale

Inspection results vary, confidence is reduced, and quality becomes harder to standardize.

Why Traditional Systems Fall Short

- Hand tools and gauges introduce variability
- Multiple measurement steps slow inspection
- Results depend on operator skill
- Data is disconnected and difficult to track

Automated, Repeatable Inspection

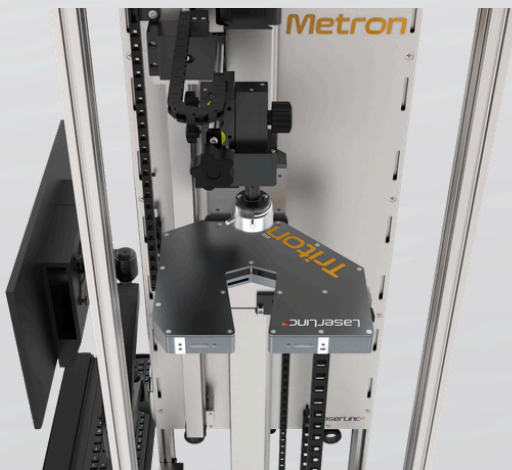
- One-button inspection and measurement with Metron™ systems
- Non-contact measurement for consistent results
- Automated data collection and pass/fail verification
- Repeatable results independent of the operator

BenchLinc

- Ideal for short samples
- Lab and QA environments
- Fast, repeatable dimensional measurement

Metron

- Designed for long and complex parts
- Full-length inspection in a single pass
- Automated, high-throughput measurements



Metron System



BenchLinc OD/ID

Automated sample inspection **removes variability, improves consistency, and standardizes quality verification.**

Consistent Inspection Across Every Sample

With Metron and BenchLinc Solutions

Medical

- Verify OD, ID, and wall thickness
- Ensure compliance and repeatability
- Reduce rejects in high-value products

Wire & Cable

- Validate diameter and insulation
- Support batch inspection
- Improve consistency across production runs

Precision Manufacturing

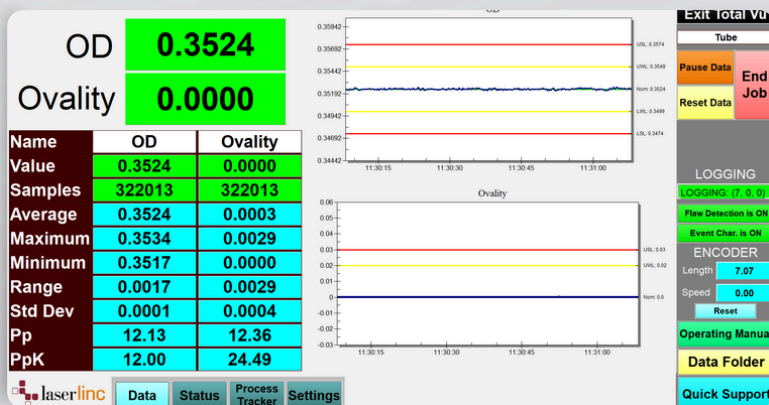
- Inspect long, complex, or multi-zone parts
- Measure profiles, tapers, and variable geometries
- Reduce reliance on multiple tools and stations

Why LaserLinc vs Manual Inspection

- Automated, repeatable measurement vs operator variability
- One system vs multiple tools and stations
- Integrated data vs manual recordkeeping

Results

- Eliminates operator variability
- Reduces inspection time
- Improves measurement consistency
- Enables traceable quality data
- Supports compliance and reporting



Powered by Total Vu HMI

Integrated SPC, reporting, and traceability for all inspection data.

