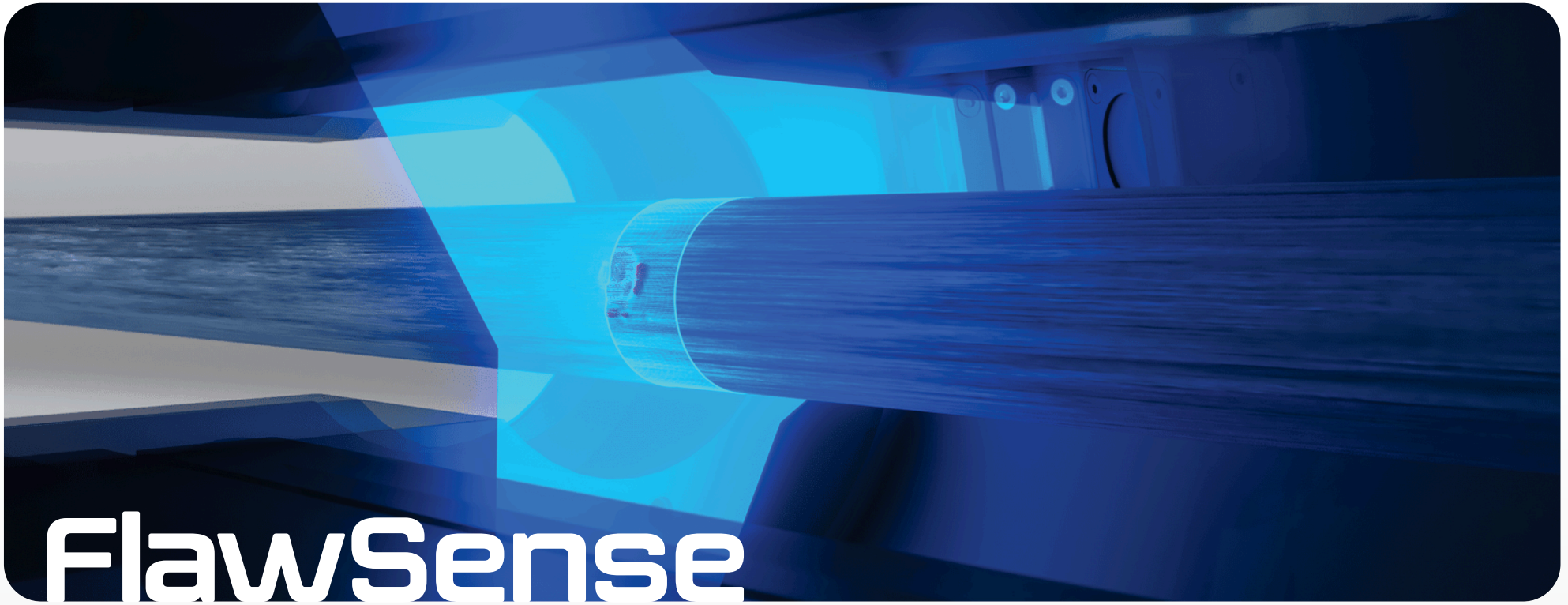
LaserLinc



DETECT
Surface quality
defects.

FlawSense

Assure quality, right now.



FlawSense

Key Features:

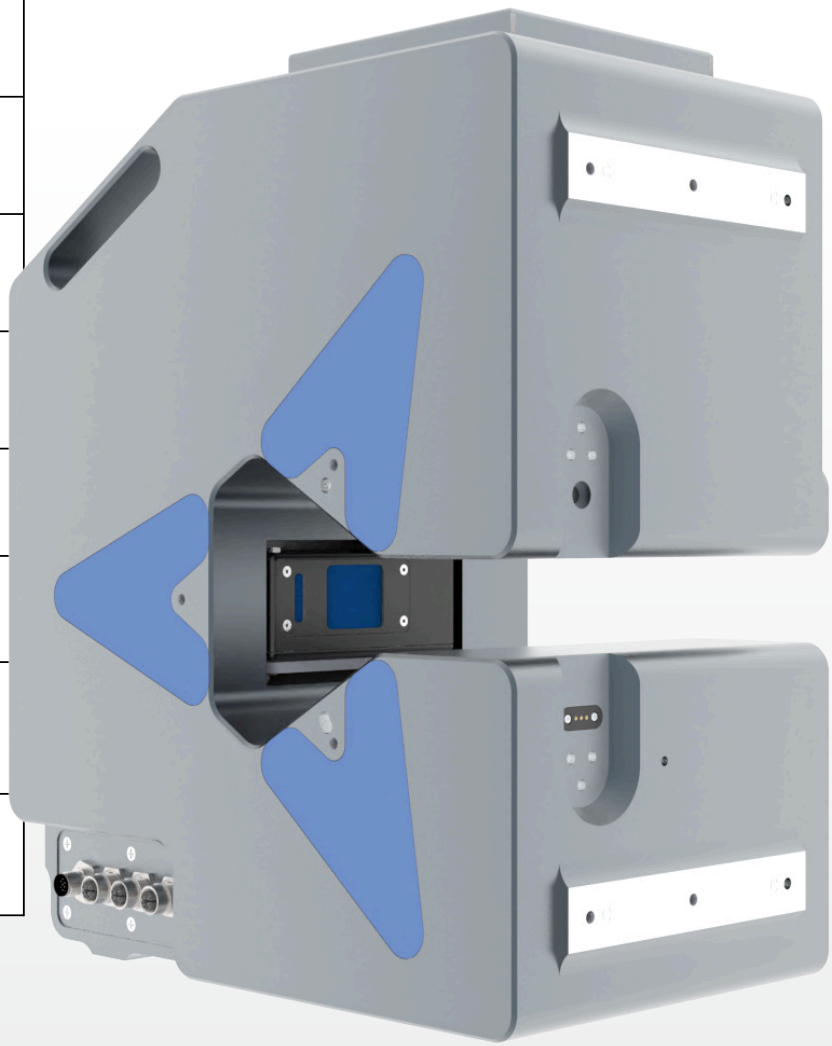
- Defect detection down to 5 µm
- True 100% surface mapping
- Laser-line triangulation technology
- Compatible with Total Vu HMI
- Real-time inspection
- 3D interactive process visualization

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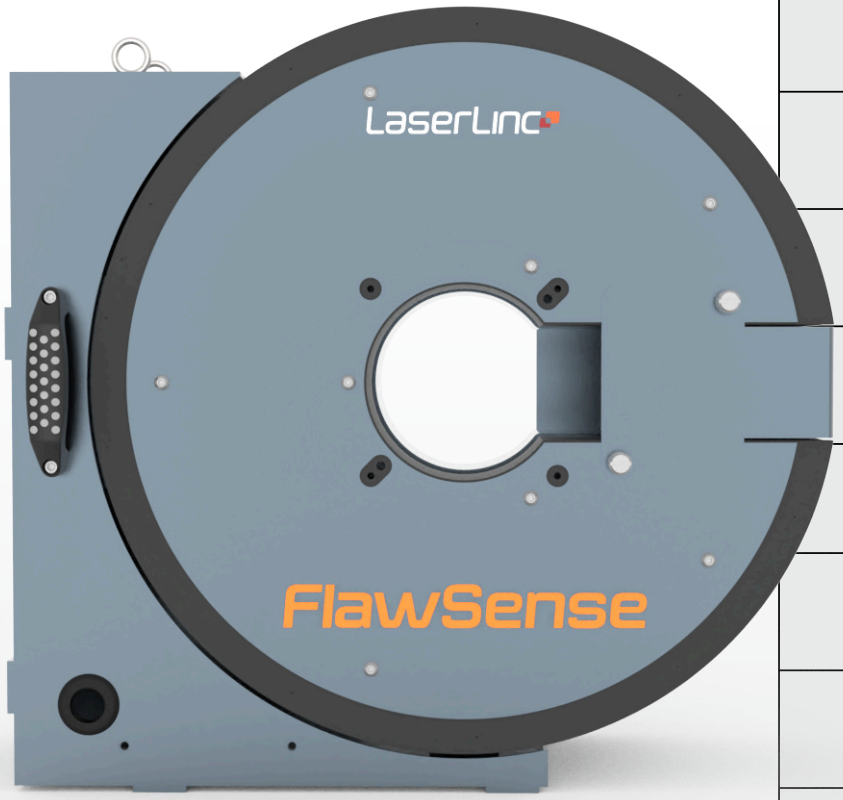
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Specifications

Model	FlawSense 325
Minimum OD	1 mm [0.040"]
Maximum OD	20 mm [0.79"]
Minimum Detectable Defect Height	5 µm [0.0002"]
Measurement Rate	Up to 10,000 Hz
Communication Protocol	OPC UA and Ethernet/IP
Power Requirement	110/120 VAC, 3A
Approximate Dimensions [H x W x D]	393.7 mm x 203.2 mm x 342.9 mm / [15.5" x 8.0" x 13.5"]
Approximate Weight	34 kg [75lb]



Specifications



Model	FlawSense 369
Minimum OD	3 mm [0.125"]
Maximum OD	69 mm [2.7"]
Minimum Detectable Defect Height	25 µm [0.001"]
Measurement Rate	Up to 10,000 Hz
Communication Protocol	OPC UA and Ethernet/IP
Power Requirement	110/120 VAC, 3A
Approximate Dimensions [H x W x D]	914 mm x 762 mm x 561 mm / [36" x 30" x 22.1"]
Approximate Weight	54.4 kg [120lb]

Compare Models

Specifications	FlawSense 325	FlawSense 369
Minimum OD	1 mm [0.040"]	3 mm [0.125"]
Maximum OD	20 mm [0.79"]	69 mm [2.7"]
Minimum Detectable Defect Height	5 µm [0.0002"]	25 µm [0.001"]
Measurement Rate	Up to 10,000 Hz	
Communication Protocol	OPC UA and Ethernet/IP	
Power Requirement	110/120 VAC, 3A	
Approximate Dimensions [H x W x D]	393.7 mm x 203.2 mm x 342.9 mm / [15.5" x 8.0" x 13.5"]	914 mm x 762 mm x 561 mm / [36" x 30" x 22.1"]
Approximate Weight	34 kg [75lb]	54.4 kg [120lb]



Shown with
FlawSense 369

Flexible Integration

A complete, mobile NEMA 12k-rated solution that enables FlawSense technology to be integrated wherever it is needed on the production line.

Its compact, self-contained design simplifies installation and provides the flexibility to inspect products at the optimal point in the manufacturing process.



Shown with
FlawSense 325

Mobile Medical Station



Monitor Stand

FlawSense
325/369 Stand

NEMA 12k-rated
Electronics Enclosure

Fixed Integration

A complete, stationary NEMA 12k-rated solution designed to integrate FlawSense technology directly into the production line.

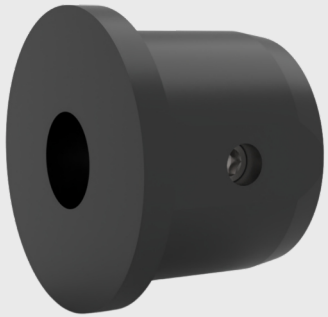
Easily adaptable to different product line configurations, the modular design offers flexible integration options for your specific setup.

Dial it in

The FlawSense system includes a calibration mount, insert, and standards to provide a reproducible and reliable calibration.



FlawSense325
Calibration Mount



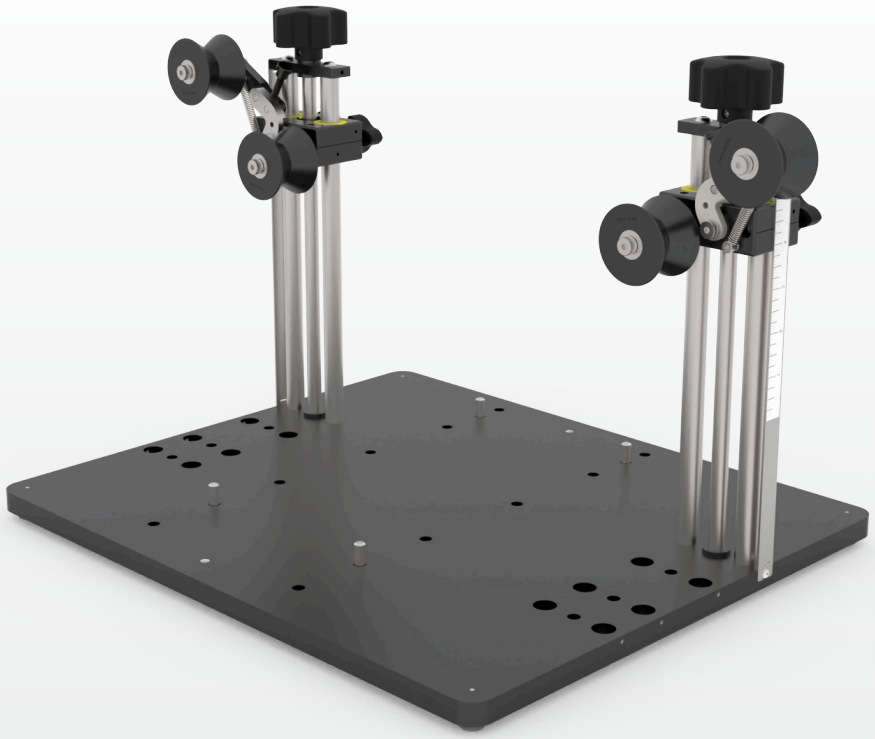
Calibration Insert

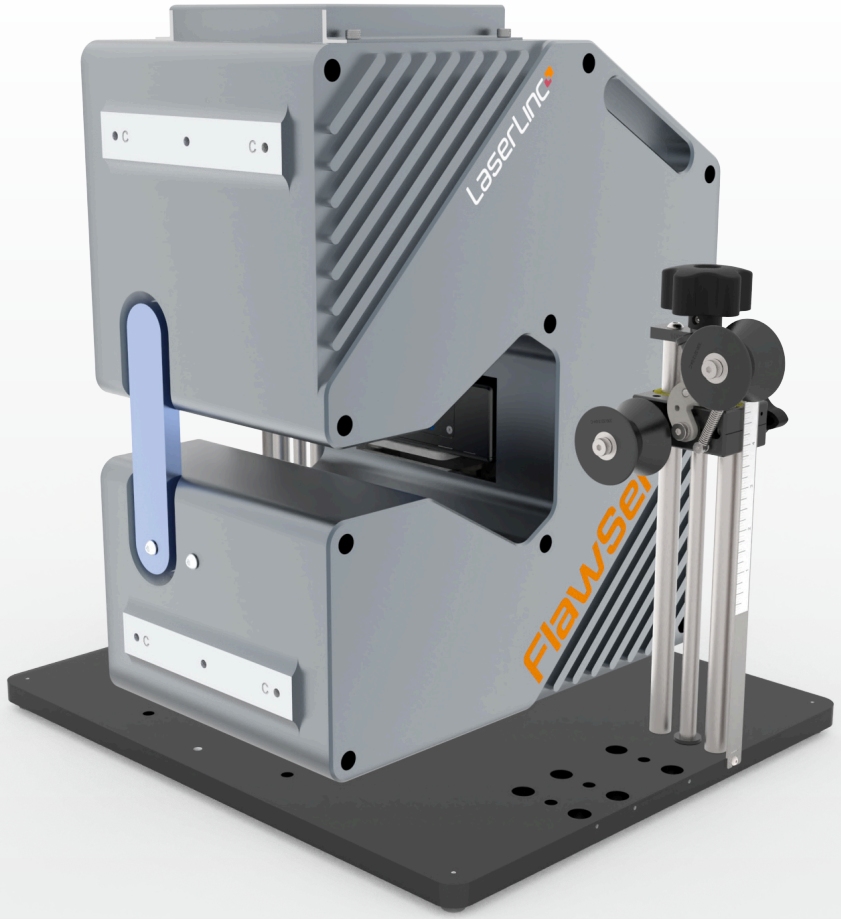


Calibration Standard

Align + Perform

The Plate Mount Tension Roller Guide supports and guides the product through the gauge opening while maintaining stable positioning during inspection.





FlawSense 325 Tension Roller Guide