

*"We received a sample that failed two rounds of manual inspection. We could quickly and easily detect the flaws on this sample with FlawSense."*

- QA Manager

## Superior Defect Detection

- True 360°, 3D coverage using laser-line triangulation.
- 100% non-contact, real-time inspection – inline or offline.
- Up to 10,000 profiles per second for thorough coverage.
- 3D visualization of detected defects and seamless integration with Total Vu HMI.
- Detecting defects as small as 5  $\mu\text{m}$  (0.0002 in) and reliably 20 - 100 times smaller than a 3-axis micrometer.

## Break Free From Limits with FlawSense Technology



Contact Us



More Info



Solutions that adapt to the way you work

+1 937.318.2440  
[info@laserlinc.com](mailto:info@laserlinc.com)  
[laserlinc.com](http://laserlinc.com)

50x more accurate than  
vision systems and micrometers

# FlawSense

DIMENSIONAL INSPECTION  
TECHNOLOGY



Designed and assembled in the USA

## ULTIMATE DETECTION WITH FLAWSENSE™ TECHNOLOGY

FlawSense technology precisely detects slits, cracks, pits, bumps, blisters, lumps, scratches, neckdowns, streaks, wrinkles, and braid breaks in your production process.

## FLAWSENSE TECHNOLOGY IS NOT A VISION SYSTEM. IT'S SOMETHING BETTER.

LaserLinc's FlawSense technology is a 3D measurement and defect detection solution using laser-line triangulation, unlike traditional 2D camera-based vision systems. It does not rely on color or visual patterns but measures and analyzes 360° of the surface contour in precise detail to detect and report defects at production speeds.

## OUR COMMITMENT

"We are incredibly excited about the potential of FlawSense technology! This innovative solution is designed to revolutionize your defect inspection processes and overcome the challenges faced by traditional methods, like vision systems, manual inspections, and micrometers. With FlawSense technology, we aim to automate your inspection processes and ensure that every surface defect is precisely identified. Our mission is to protect your reputation and elevate the quality of your products. Join us on this journey to redefine excellence in inspection!"

- LaserLinc CEO, Jeff Kohler

## FIND THE RIGHT SOLUTION

### On-line



Choose from a mobile, all-in-one, or modular, bolt-to-the-floor system for sorting, re-spooling, and continuous inspection of products to ensure consistent quality.

### Off-line with FlawSense Metron™ Technology



FlawSense Metron technology is ideal for inspecting parts under 1.8 in. (72 in.), such as catheters or medical tubes. Easy-to-use controls allow operators to inspect each part and ensure it meets specifications while identifying any surface defects.

### The Total Solution with Total Vu™ HMI

LaserLinc's Total Vu HMI provides real-time data on production processes, allowing manufacturers to optimize production and improve product quality.

Total Vu HMI provides:

- Access to data from anywhere in your facility with OPC UA
- Statistical process control (SPC) for insight into your process



Solutions that adapt to the way you work

