LASER SOLUTIONS

Leveraging advanced technologies and expertise to provide leading laser solutions.

After more than 35 years, Genesis remains at the forefront of robotic integration for manufacturing automation, going above and beyond to provide solutions that help our customers win the productivity race.

Let us show you how.
(563) 445-5600
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LASER METROLOGY

NON-CONTACT METROLOGY FOR FAST, HIGH QUALITY INSPECTIONS

- IN-PROCESS FOR HIGHER INSPECTION PRODUCTIVITY
- SIMULTANEOUS INSPECTION OF PART SIDES
- FAST, FLEXIBLE RECONFIGURATION IN PRODUCTION CHANGES

GENESIS-SYSTEMS.COM
THE SPEED OF IN-PROCESS INSPECTIONS

REVOLUTIONARY MEASUREMENT TECHNOLOGY SURPASS THE LIMITATIONS OF TRADITIONAL METROLOGY SYSTEMS

Genesis Laser Metrology solutions are an innovative answer to the typical productivity constraints of inspection processes. This new technology delivers results in repetitive, complex, hard-to-reach, delicate and labor-intensive inspection tasks, particularly for large scale applications.

- **Increased Production**
- **Improved Quality**
- **Energy Savings**
- **Reduced Production Cost**
- **Reduced Production Cycle Time**
- **Improved Throughput**

- **Product Design Consultation**
- **Process Development**
- **Turnkey Solution Fulfillment**
Leveraging the power of LASER technologies, Genesis offers a suite of standard and customized solutions designed to sharpen your competitive edge. With a focus on product and process validation, Genesis will coach you through design transitions to help you maximize your return on investment.
Genesis, a recognized leader in robotic integration, and Nikon, a renowned supplier of imaging and metrology products, have aligned in the development of the Genesis industrial laser metrology solution. Through this partnership, a new technology was born that advances the inspection marketplace. With a wide range of material flexibility for short- and long-range measurement, Genesis Laser Metrology solutions bring quality and speed into a wide range of inspection applications.

**NEW LEVELS OF PRODUCTIVITY**

**LARGE VOLUME INSPECTION TASKS**

**GENESIS LASER METROLOGY IS USED AROUND THE WORLD FOR:**

- Inspection of aircraft parts
- Automotive inline & next-to-the-line CMM
- Composite inspection
- Parabolic antennae single-run inspection
- Measuring heated surfaces near blast furnaces
- Optimizing geometry
- Large scale and/or small scale capabilities

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THE QUALITY OF INNOVATIVE LASER RADAR TECHNOLOGY

Genesis’ Laser Solutions...
Driving Growth - Efficiency, Performance, Productivity
The speed of in-process inspections surpass the limitations of traditional metrology systems. Genesis Laser Metrology solutions are an innovative answer to the typical productivity constraints of inspection processes. This new technology delivers results in repetitive, complex, hard-to-reach, delicate and labor-intensive inspection tasks, particularly for large scale applications.

- Increased production
- Improved quality
- Reduced production cost
- Improved throughput
- Reduced production cycle time
- Energy savings

✓ Product design consultation
✓ Process development
✓ Turnkey solution fulfillment
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