



Industry News from our Lab Experts

We have had several things to look forward to lately. Like kids in a candy store, we couldn't wait to get our hands on the new latest and greatest Coordinate Measuring Machine (CMM) laser scanner that arrived at our lab facility in Minnetonka, Minnesota, this summer. And we're excited about meeting everyone in our booth #135175 at the upcoming [IMTS show](#) in Chicago beginning September 12th.

In this newsletter, you'll learn how this state-of-the-art equipment offers our customers the best of both worlds. We'll also help you determine whether [CMM or laser scanning](#) will best meet your needs.

When choosing an inspection provider, cutting-edge technology is only part of the equation. Team members with technical skill, an eye for detail, and a commitment to customer service are the other. Meet one of our talented team members: [Tracy Hoeg](#), the recipient of our first-ever Dan King award.

The applications for non-destructive testing are almost endless — in every industry you can imagine. In the world of manufacturing, our proven testing techniques translate seamlessly from conventional manufacturing to precision manufacturing and 3D printing to ensure the quality and safety of products and processes.

You'll also learn how [3D scanning services](#) support the [entire product lifecycle](#) and how metrology is used in manufacturing.

When we put all of this together, you receive the best quality and service. Give us a call and we'll put our [team and technology](#) to work for you.

Sincerely,

Nicholas Szkotak
General Manager, Lab

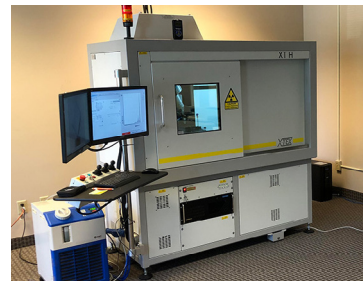
New CMM Laser Scanner Offers Best of Both Worlds



Quick turnaround times have become a signature at IIA. And now we can deliver even faster results with our new, state-of-the-art Coordinate Measuring Machine (CMM) Laser Scanner.

By combining traditional CMM capabilities and laser scanning into a single platform, this state-of-the-art equipment offers customers the best of both worlds. We can now capture far more data in a surprisingly short amount of time — without sacrificing accuracy. [Put our new technology to the test](#) and explore whether [CMM or laser scanning](#) will best meet your needs.

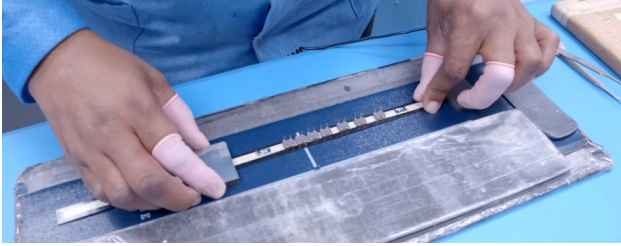
Take an Inside Look at IIA's 3D Scanning Capabilities



IIA is a leader in 3D scanning of complex parts. We offer cutting-edge CT scanning, 3D laser scanning, geometry recreation, part-to-CAD or part-to-part comparison. Our team

can even help you transform collected data into process improvements. [Read how](#) our services support the entire product lifecycle, from new product development and product transfers to supplier verification and failure cause analysis.

Put Our Expertise to Work for You



Regardless of your industry, IIA Lab Services has the expertise to meet your testing challenges head-on. [Watch this brief video](#) to learn about the types of testing we can provide.

Tracy Hoeg Wins Dan King Memorial Award



For many years, Lab Manager Dan King led the team at QC Group, an IIA subsidiary, with integrity and heart. In his daily dealings with customers, he embodied the company's values — first and foremost, providing Story-Worthy Service.

After Dan passed away in late 2021, the team at QC Group established the Dan King Story-Worthy Service Award in tribute to his spirit of service.

[Tracy Hoeg](#), a 22-year veteran of QC Group, has been named recipient of the inaugural award for his unwavering commitment to the customer.

"When Dan passed away, Tracy stepped up to make sure that our customers are successful and that all of their needs are met," says Bruce Williams, General Manager — Metrology Services. "This is just Tracy being Tracy. This award recognizes the great impact he's had for us and our customers all these years."

Let's Connect

We want to hear from you! Let us know about your latest testing challenges and how we can help. Call us at **(866) 514-4937** or complete our [online form](#) and we'll get back to you within 24 hours.

Be sure to follow us on [LinkedIn](#) to learn about the latest tools and techniques we're using to solve our clients' problems and make the world safer.



Metrology in Manufacturing

Dimensional inspection, or metrology, plays a crucial role in creating functional products. Without the use of metrology in manufacturing, large assemblies such as automobiles or airplanes would likely never assemble reliably and we would not be able to determine if a process is capable of continually making a product without failures. [Read a blog post](#) from one of our CMM experts for a deep dive into how metrology is used in manufacturing.

CT Scanning is Helpful Tool for Toolmaker

When preparing to design or modify a mold, there are tens of thousands — even hundreds of thousands — of dollars at stake. Computed Tomography (CT) scanning is the best way to present the intricacies of the physical part compared to the CAD and gain insight into design and redesign needs. Read why Westminster Tool relies on IIA for accurate data, professional guidance, and a keen understanding of complex customer needs.

Empowering a Manufacturing Revolution



3D printing, or additive manufacturing, is revolutionizing the way products are made — from prosthetic limbs to rocket engine components. Additive manufacturing allows users to create more complex

designs, which may create more opportunities for flaws to form. With a full menu of testing services, including scan-to-CAD comparisons, IIA is equipped to examine even the most intricate designs with confidence. [Read about our services for additive manufacturers.](#)