

INTRODUCING

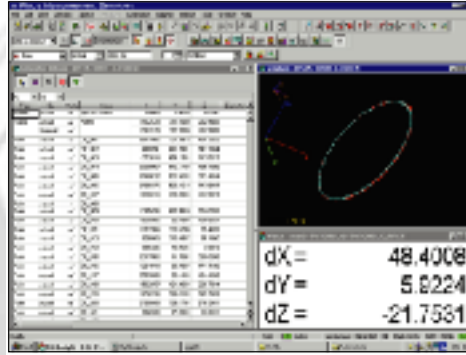
IN-PLACE



**MEASUREMENT
SERVICES**

FEATURING FIELD CMM™ TECHNOLOGY

**Ultra-Precise Measurement,
Inspection & Alignment Services
Anywhere in the World**



**Laser Trackers • Straight & Rotating Beam Lasers
Alignment Telescopes • Jig Transits • Digital Theodolites
Laser Coupling Alignment • Electronic Levels
NIST Certified Standards**

IN-PLACE MEASUREMENT SERVICES, LLC

327 E. Brown St., Milwaukee, WI 53212 • 414.562.2200 • FAX: 414.562.2945 • www.FieldCMM.com

About In-Place Measurement Services



In-Place Measurement Services is dedicated to providing ultra-precise on-site measurement, inspection, and alignment services to our customers at their facilities throughout the world. Using our custom FieldCMM™ technology, we provide higher measurement accuracies at a lower cost, and with a significant time savings when compared to traditional measurement methods. In-Place Measurement Services can combine laser and laser tracker systems with an extensive range of optical, mechanical, and electronic measuring instrumentation to provide our customers with a complete on-site measurement solution.

About FieldCMM™ Technology

In-Place Measurement Services' FieldCMM™ on-site measurement technology integrates ultra-precise portable laser and laser-tracker systems, optical, mechanical, and electronic measuring instrumentation with sophisticated computer software to provide coordinate measuring machine accuracy without the size and environmental constraints of conventional stationary CMM's. With over 30 years of measurement, inspection, and alignment experience, our technicians are able to support even the largest and most complex measurement projects with minimal downtime and disruption.



About Our Laser Tracker

The In-Place Measurement Services laser tracker is a portable instrument that takes ultra-precise measurements without the constraints of a traditional coordinate measurement machine.

Our laser tracker takes measurements by projecting a laser beam onto a mirrored target which is moved by an operator over the surface being measured. The beam reflects off the target and re-traces its path back into the tracker. Part of the beam goes into an extremely precise internal electro-optic subsystem that measures the distance from the tracker to the target, and part goes into a position sensing detector that helps guide the mechanisms that steer the beam. Together, the angles of azimuth and elevation are coupled with the distance from the beam source to the target to precisely locate the part being measured.

The In-Place Measurement Services laser tracker is integrated with sophisticated data acquisition and analysis software which provides detailed information about all geometric aspects of the part being measured.

About Our Optical Instrumentation

In-Place Measurement Services has an extensive inventory of precision optical tooling including digital theodolites, alignment telescopes, universal jig transits, optical levels, transit squares, and support tooling. This precision optical tooling is very accurate, extremely reliable, highly portable, and is easily adapted for use in a wide range of environments. These optical instruments compliment our laser and laser tracker systems, mechanical, and electronic measuring instrumentation, thus allowing In-Place Measurement Services to provide a complete measurement solution.

About Our Electronic Instrumentation

In-Place Measurement Services' electronic measurement instrumentation is an important component of our FieldCMM™ technology. Our instrumentation includes digital surface profilometers and hardness testers, rotating and straight beam lasers, laser coupling alignment systems, digital comparator levels, and digital micrometers. This instrumentation is heavy duty, portable, and designed for rugged in-the-field use. In addition, much of our electronic measurement instrumentation utilizes integrated software which allow In-Place Measurement Services to provide our customers with highly accurate measurement solutions and detailed reporting capabilities.



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