

# I-360™

Hand-Held Probing and Scanning



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✓ Part Inspections



✓ Cavity Probing



✓ Quality Assurance



I-Probe is available in  
**wireless** format!

## Increase Manufacturing Efficiency

The I-360™ from Automated Precision Inc. (API) is a groundbreaking advancement in hand-held probing and scanning technology. As an accessory to the Radian Laser Tracker, the I-360 is offered in three models to fit any unique need or application: as the wireless, probe-only **I-Probe**, the scan-only **I-Scan II**, or the probing/scanning **I-360 Scanning & Probing**. All models offer the same lightweight body, flexible head movement.

## Better than Before

Now in its fourth generation, the I-360 continues to simplify measurement tasks and increase process efficiency. The I-Probe 360, with an additional low-variance probe location, is more accurate than ever at measuring hidden points that cannot be obtained with a spherically mounted retroreflector (SMR). The I-Scan II's improved camera technology offers greater reliability in scanning. It can also scan a wider variety of surfaces, including high-gloss and high-contrast areas.

## Flexibility for Better Measuring

The innovative I-360™ sensor head features 360° yaw and 360° roll to achieve unlimited continuous positioning. In conjunction with the Radian's large work envelope, the I-360 provides the freedom to measure even the most complex parts with ease.

# 1-800-537-2720



✓ Fixture Inspection



✓ Surface Scanning



✓ Precision Measuring



✓ Reverse Engineering

## Applications Made Easy

The I-360™ weighs just 2.5 lbs., and its simple one-button operating system makes using it virtually effortless. The probing models feature external LED lights to make it easy to know which probe tip position is being measured. The I-360 can be used for a wide variety of measurement applications, including:

- Tooling, fixtures and jigs
- Surface contours
- Gap and Flush measurement
- Automobile body parts
- Fixture inspection
- Rapid prototyping
- Mold and die cavities
- Compare to CAD
- In-process inspection

The I-Probe operates on commercially available lithium-ion batteries. Depending on battery capacity, the I-Probe can run for 3, 6 or 9 hours. The I-Probe is also available in a hard-wired version for work in environments where wireless signals cannot be transmitted.

## Interferometer-based Precision

Because the I-360 probes and scans through the interferometer-based Radian Laser Tracker, it offers superior precision than other handheld accessories. The **I-Probe**, when used wirelessly, can even take measurements at distances greater than 40 meters.





## Do More with Radian™ Laser Tracker

The Radian™ Laser Tracker is used in conjunction with the I-360™ to obtain ultra-precise measurements. Assembly, alignment, inspection, and calibration are just a few of the additional applications where manufacturers and engineers rely on Radian™ every day. With more features than you can shake an SMR at, the Radian™ continues to be the smallest, most accurate, and most comprehensive IFM/ADM laser tracker available.



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