

## API I-360



**Product Categories:** [3D Laser Tracker Systems](#)

### Product Summary

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-Scan II with Probing. All models offer the same lightweight body and flexible head movement.

### Product Description

I-360

## Increase Manufacturing Efficiency

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## 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.

## 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

## 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.