

The QVI Fusion combines optics, touch probes, & interferometric lasers to quickly measure your most complex parts.

When measuring complex parts, do you find the need to measure an array of dimensions including basic part geometry, surface contour, and interior measurements? What if all of this could be done by one system that can be programmed to automatically identify and measure each piece? This would allow you to maximize throughput without compromising quality.

The QVI Fusion 400 is the most sophisticated high performance multisensor dimensional measuring system in the world. This innovative large field-of-view (LFOV) system combines power, speed, and versatility. Its large stage has a generous 350x250x250mm measurement volume able to accommodate multiple or large parts.



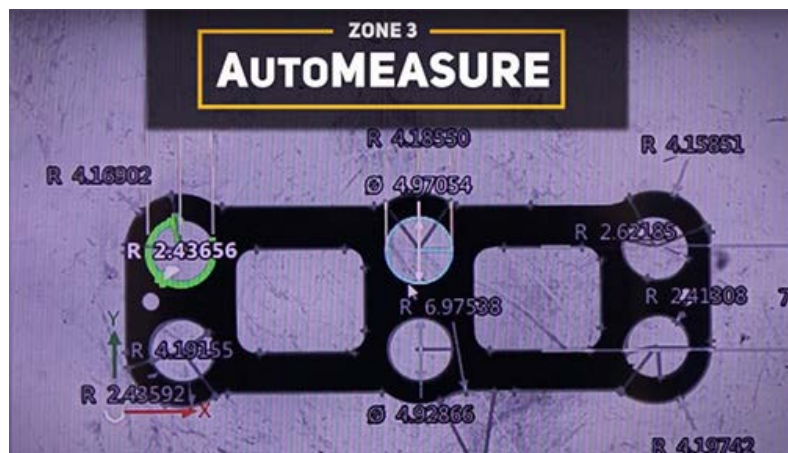
Benefits for Manufacturers

The Fusion addresses three fundamental needs for metrology equipment in advanced manufacturing:

- **High productivity** – Fusion combines fast throughput with high accuracy for productivity in high volume stations. It uses a combination of high speed transport stages, large field, multi-mag optics and a range of auxiliary sensor to preform comprehensive part measurements to their CAD model quickly.
- **Ease of use** – Fusion is powered entirely by the ZONE3® software, offering a simple and intuitive user experience with instant measurement of the entire field of view using

When placed on the stage, the AutoID technology will identify previously programmed parts and automatically run your scheduled measurement routine. If you place a new component on the stage, FeatureExtractor™ will analyze it and display the basic geometry without any additional programming. The system also features High Mag optical with autofocus to capture small features up-close.

What really sets the QVI Fusion apart from other systems is the ability of optics, touch probes, and interferometric lasers to all occupy the same space. This is made possible by the precision rotational deployment mechanism which allows for the full stage travel of each sensor.



FeatureExtractor™
technology.

- **Low cost of ownership** – Fusion offers among the lowest cost of ownership among high performance multisensory systems.

ZONE3 Software Application

The Fusion 400 comes equipped with the QVI ZONE3® premium CAD-based 3D metrology software which features a clear, simple user interface, and supports simultaneous use of multiple sensors making the appropriate tools available for complex measurement tasks.

Contact us to learn more about how the QVI Fusion 400 system can streamline your quality process.

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