Precision for People®
Welcome to The World's Largest Vision Metrology Company

Quality Vision International is the leader in optical and multisensor metrology for manufacturing quality control.

Since 1945 the QVI® companies have made a singular commitment to improving the technology of dimensional measurement. Our heritage in optics and projection gaging evolved to global leadership in video and multisensor technologies. We continually strive to make accurate and reliable measurement systems that are convenient, cost effective and productive for the people who use them.

In virtually every region of the world you will find a QVI representative providing expert localized support and service. QVI systems are used by manufacturers in more than 75 countries.

70 years of growth reflect our dedication to doing things right. Our ISO 9001:2008 registration reflects our commitment to continual improvement in all our operations.

With more than 400 dedicated employees worldwide, and hundreds more independent representatives and distributors, QVI delivers precision across the entire spectrum of industry - from global manufacturers to local job shops.

*Precision for People®* is more than a slogan. It’s our commitment to helping each and every customer worldwide improve their manufacturing process.
Multisensor Technology for Advanced Productivity

Multisensor metrology systems improve the speed and accuracy of measurement by using the best sensor for each dimension, and completing more measurements in a single setup.

QVI pioneered multisensor measurement, introducing the OGP® IQ-2000 multisensor system with vision, touch probe and laser sensors in 1987. Since then, QVI has consistently led the industry with a succession of innovative systems and sensors to tackle even the most difficult measurement challenges.

QVI systems are designed as multisensor systems from the ground up – eliminating the inevitable compromises that can occur when new sensors are added to traditional CMM designs. The QVI range of sensors, deployment mechanisms and control systems are integrated seamlessly with state-of-the-art metrology software to ensure a positive user experience.

Video is ideal for measuring small or flexible parts whose size or material cannot tolerate probing.

Tactile sensors are ideal for internal dimensions or areas that cannot be imaged by optics, such as the sidewall of a cylinder.

Laser and white light sensors excel at measuring complex curved surfaces and profiles.

Micro-probe sensors measure small or delicate features – as small as 0.2 mm – with negligible probing force.
Optical Gaging Products is known for its industry leading OGP SmartScope® family of systems. SmartScope systems are synonymous with high performance and long term reliability.

Certified Comparator Products provides high quality optical and video comparators with advanced lighting technologies and automation options.

RAM Optical Instrumentation offers a full line of shop floor video measuring systems that are value priced with premium performance.

ShapeGrabber offers innovative 3D laser scanners providing detailed dimensions from point clouds of entire surfaces.

VIEW Micro-Metrology combines high performance vision systems with a customized approach to application software to create turnkey process metrology solutions.

KOTEM is the world leader in dimensional analysis software. SmartProfile® helps manufacturers improve yields and reduce costs by correctly applying GD&T conventions to even the most complex parts.

Itaca flexible gaging systems bring high accuracy tactile precision to the shop floor.

Quality Vision Services provides customer support and service for all QVI products, and operates an ISO 17025 calibration lab for certification of calibration tools and standards.
A Tradition of Innovation

The QVI heritage is firmly rooted in optical design and manufacturing processes specifically for dimensional metrology. "Technology by QVI" means innovation, much of which is patented and exclusive to QVI products.

Among the significant QVI inventions are the AccuCentric® self-calibrating zoom lens system, illumination sources with programmable incidence angle, TeleStar® TTL interferometric laser, and many others.

QVI pioneered the integration of laser, white light, resonant and tactile sensors with core optical/video technology to enable comprehensive measurement of parts on a single system.

Today QVI produces more than 50 metrology system models for measuring dimensions from half a micron to more than two meters.
Quality Vision International (QVI®) is the world's largest vision metrology company. Founded in 1945, QVI is the world leader in optical, electronic and software technologies for vision and multisensor measuring systems.

Precision for People is more than just our slogan. It's our commitment to delivering our worldwide customers precision metrology systems designed with the people who use them in mind. Precision for People - it's what we stand for.