

# Precision Metrology Systems For Industrial Quality Control

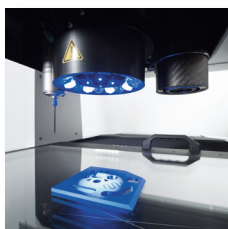


## ZEISS Industrial Metrology Systems

ZEISS drives innovation within automotive, aerospace, plastics, mechanical engineering, and medical technology industries. From exploration and processing of raw materials to manufacturing and assembly, ZEISS multidimensional metrology solutions are crucial to the production of high-quality products around the world. Our applications engineering experts navigate ZEISS's deep and diverse portfolio to pair you with exactly the right solution to produce better, faster, more reliable results.



Coordinate Measuring Machines



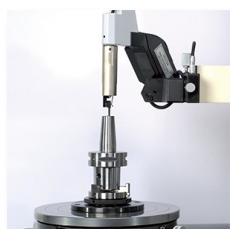
Vision Measuring Systems



Contact & Optical Sensors



Surface & Contour Systems



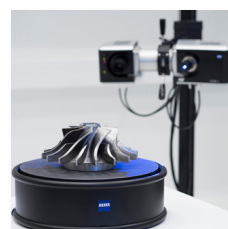
Roundness & Form Systems



Computed Tomography Systems



X-Ray Imaging Systems



3D Scanning Systems



Light & Confocal Microscopes



Inspection Services



ZEISS Software



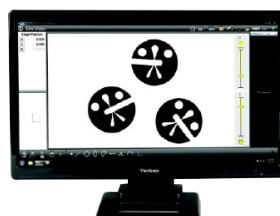
CMM Styli & Fixturing

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### Starrett Optical & Vision Systems

When it comes to comparators, there's only one clear choice – Starrett. Starrett combines advanced optics and imaging technology to ensure bright, sharp images and exceptional accuracy. With a vast selection of styles, sizes, stages, lenses, and other accessories, Starrett has a comparator for most any application.

Starrett video-based measurement systems combine high-resolution imaging, powerful intuitive software, and precision mechanical platforms to deliver high accuracy and repeatable measurement results. Systems are available with your choice of MetLogix™ or Quadra-Chek® software.



multi-part measurement



video edge detection

#### Applications

Comparison Measurement  
Dimensional Measurement  
Multi-Part Measurement  
Geometric Tolerancing

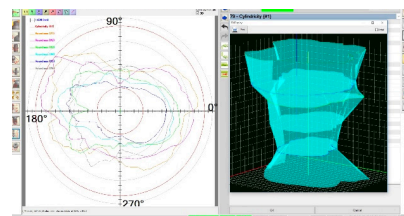
### Shop Floor Shaft Measuring Systems

VICIVISION high-speed optical measuring systems deliver best in class speed, accuracy, and reliability for shop floor measurement of shafts, cylinders, and other turned, ground, or extruded parts. VICIVISION systems can accommodate parts from 8mm to 180mm in diameter and from 100mm to 1250mm in length.

VICIVISION advanced software enables measurement of lengths, diameters, distances, angles, radii, form, position, runout, and profile tolerances. Add CAD comparison and other specialized software to measure threads, camshafts, and crankshafts. Choose the optional touch probe system to detect features that are not optically measurable, such as keyways, shafts with splines, gear teeth, and more.



optional touch probe



self-programming software

#### Applications

Crankshafts  
Camshafts  
Turning Operations  
Screw Machine Operations

Turbines  
Dental Implants  
Valves  
& more