



SERVING THE PRECISION MACHINING INDUSTRY WITH METROLOGY INNOVATION



Quality Inspection

We supply state-of-the-art metrology technology allowing you to collect precise & reliable data in digital formats.



Manufacturing Efficiency

We help you integrate optical metrology & automation solutions into your processes to help you save money & time.



Metrology Services

We provide quality inspection, 3D measurement, laser tracking & reverse engineering services on a project basis.

Success Stories



ATOS Q OPTICAL METROLOGY

SYSTEM AT AMIGA ENGINEERING

Amiga Engineering purchased a ZEISS ATOS Q 3D scanner to replace their CMM for certain quality inspection applications. The ATOS Q offers much faster speeds & full field 3D data versus localised point data on the CMM.

ATOS Q OPTICAL METROLOGY

SYSTEM PURCHASED BY ALSTOM

This high precision system is being used to measure quality on precision machined & inbound wheel hubs & axles allowing for faster production times & better quality assurance throughout the manufacturing process.



Products & Services



ZEISS Optical Metrology

German built optical sensors help users to cut down inspection times whilst improving product quality.



ZEISS Industrial Metrology

Best-in-class range of CMMs, optical & CT metrology help users to meet the most precise of tolerances.



Handheld Measurement Systems

Perform quality checks or reverse engineer assemblies & components on the fly.

Applications



Manufacturing Quality Control

Measure components & assemblies in-line with precision; check tolerances, reduce defect rates & lower quality cost.

- Measure CNC machined components & tools directly on the shop floor;
- Integrate precise, automated & efficient systems for 3D part inspection;
- Set up instantaneous pass/fail gates & automated inspection reports.



Maintenance & Repair Application Optimisation

Save time & money performing maintenance service work with optical & tactile metrology & shop-floor capable solutions.

- Inspect assemblies & analyse components with precision & speed;
- Precise digital surface mapping for surface defect analysis;
- Digitise, track, analyse your work & provide detailed quality reports.



Incoming Goods & Supplier Quality Control

Ensure your design tolerances & supplier quality standards are met using mobile metrology tools that are easy to use in any environment.

- Inspect incoming goods, compare to CAD & perform visual checks;
- Set up instantaneous pass/fail gates & automated reports;
- Digitise, track, analyse your results & supplier performance.

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