



Metrology and Measurement Systems

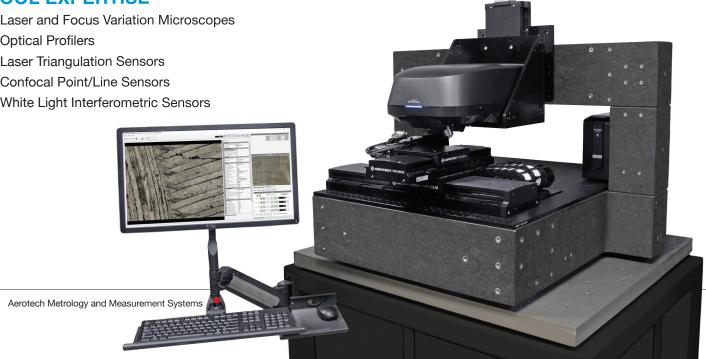


Our metrology and manufacturing experts engineer and build turnkey systems that solve your most challenging applications. We provide:

- ◆ Design & Manufacturing Capital equipment machine design and manufacturing
- ◆ Consultative Sales Support Metrology tool selection, integration and application testing
- ◆ Automated Programmable Routines Process development and software user interface programming
- ◆ Turnkey Systems Standard and custom turnkey solutions
- ◆ Post-Sales Support Installation, training and support

TOOL EXPERTISE

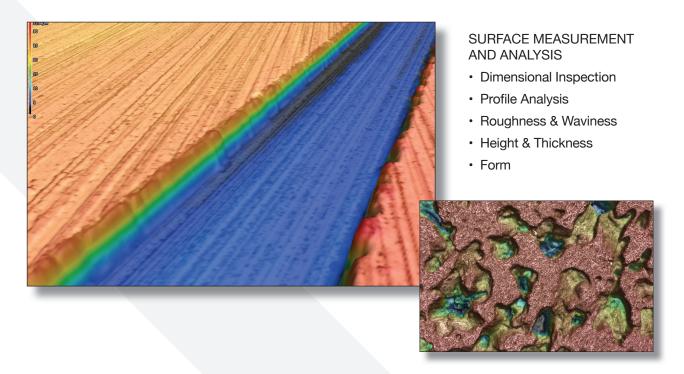
- · Laser and Focus Variation Microscopes
- · Optical Profilers
- · Laser Triangulation Sensors
- · Confocal Point/Line Sensors
- · White Light Interferometric Sensors



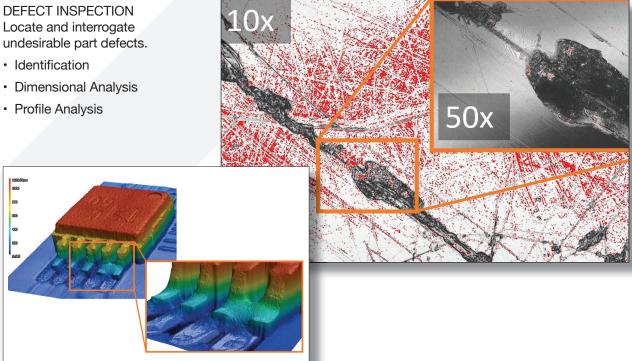
COMMON APPLICATIONS/CONFIGURATIONS

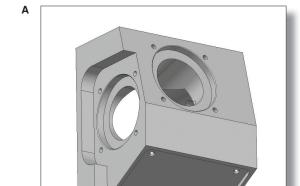


PROCESSES WE AUTOMATE



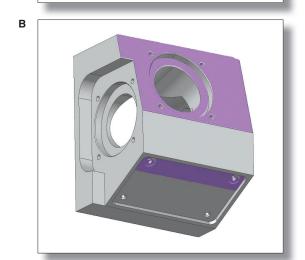
Locate and interrogate

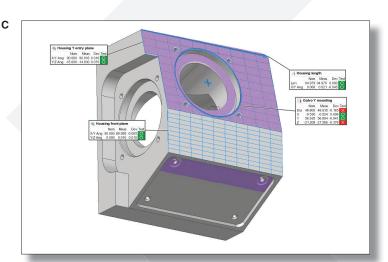


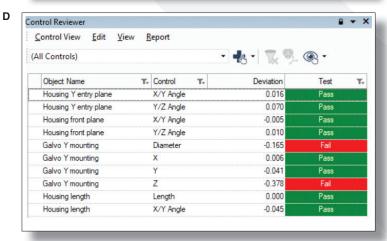


CAD COMPARISON ANALYSIS

- A. Setting tolerances using nominal values from model
- B. Measured data acquisition and alignment to CAD model
- C. Comparison results based on specified geometric dimensioning and tolerancing (GD&T)
- D. Control review and pass/fail verification









Achieve Difficult Measurement Resolutions or Accuracies

Aerotech has 50 years of experience designing and manufacturing solutions that achieve micrometerand nanometer-scale precision. We have the freedom to use the best sensors on the market, eliminating hardware limitations that burden your process.

Increase Measurement Speed Through Automation

Programmable routines to automate measurement processes and limit operator interaction provide more measurements per operator per hour.

We deploy the some of the fastest data acquisition and analysis methods on the market.

Deliver Turnkey Solutions

Our mechanical, electrical and software engineers collaborate in integrated teams to solve the most challenging applications. We can customize virtually any aspect of our standard platforms to fit your needs.



50+ >\$1.6B Of Precision Equipment Shipped

Years of Precision **Automation Expertise**

Full-service Facilities





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