

Automation Group

Non-contact gaging, vision system inspections and PC-based SPC work to eliminate costly errors

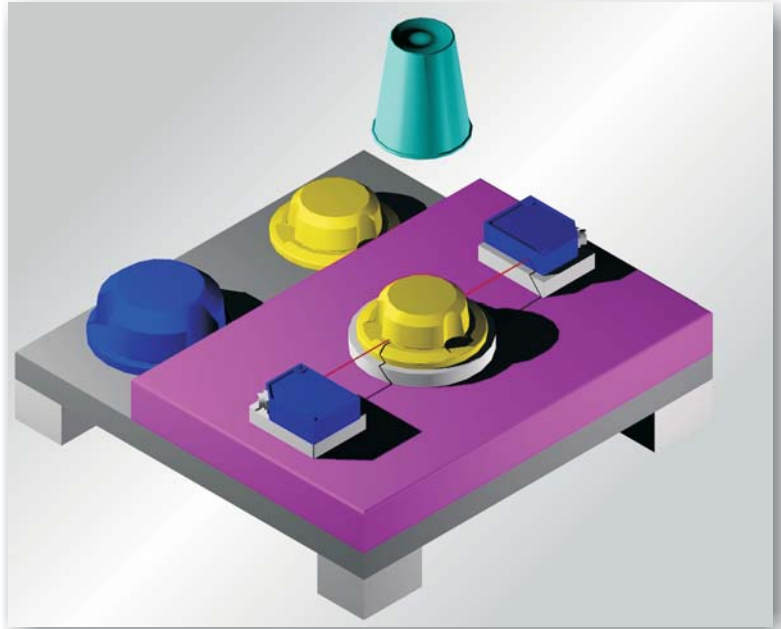
Where are You?

An unsettling question often asked in the manufacturing environment.

While you may know exactly where you are, you probably can't say the same about your manufacturing process. Are you running close to nominal or running right on the ragged edge of acceptability? On the high side? The low side? Or worse, are you running out of control, out of specification, and out of ideas?

Inspection, Avantech Style

Find out all you need to know about your manufacturing process by using **Avantech Inspection and Gaging Equipment**. While other gages and process control methods gather incomplete information and struggle to provide rudimentary trend data, Avantech's custom hardware and software solutions provide complete answers in familiar formats. Rather than take a one-size-fits-all approach to data gathering and support, Avantech can tailor gages, fixtures and reports to your specific process and standards. Distributing the information is as easy as opening a



A non-contact laser gaging system developed for an Avantech customer

informed has never been easier.

A Call to Arms

Are you tired of spending countless hours gathering reports, tabulating operating logs and shift reports just to survive an ISO 9001 audit? Avantech's custom gaging solutions can provide you with the

ammunition you need to triumph over your next audit. In addition to recording your manufacturing performance, Avantech's custom gaging software can record shift and operator information, tooling usage, and calibration history, so you no longer have to run around

No Touching, Please!

Where applicable, Avantech applies the latest vision system and laser measurement technology to our gaging systems. Using non-contact measurement methods simplifies fixturing and calibration. For your quality department, this means fewer changeovers and gage setups. For manufacturing, this means fewer headaches and less time lost. For your company, this means improved quality control. With Avantech, everyone wins.

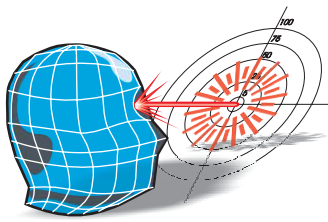
Avantech's custom gaging solutions can provide you with the ammunition you need to triumph over your next audit.

web browser. We gather data using state-of-the-art non-contact gaging, send the information to a central database via a network, and distribute the information through your own company's intranet, using your well-established security protocols. Keeping everyone

ammunition you need to triumph over your next audit. In addition to recording your manufacturing performance, Avantech's custom gaging software can record shift and operator information, tooling usage, and calibration history, so you no longer have to run around

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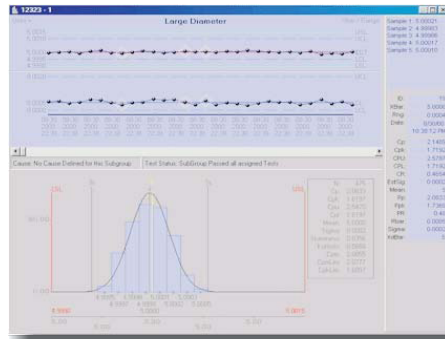
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Inspection and Gaging Systems

An Integrated SPC Solution

Our approach to in-line gaging goes beyond merely placing gages on the plant floor. By integrating SPC/SQC sampling and inspection systems into machine controls, a system can be continually monitored for variances, insuring no errors are made and plant conditions are always in control.

Avantech's Automation Group is your resource for custom automation solutions in the Southeast. We develop solutions for a variety of industries including automotive, electronics, nuclear, textiles, pharmaceuticals, and discrete parts manufacturing. Additionally, we are dedicated to exploring new technologies and integration strategies to insure that your system will remain a long-term supported solution.



Custom SPC Charts

Our people are creative, talented, diverse and motivated individuals who work together as a team to produce tremendous results.

Let us help you today.

Inspection Capabilities:

- Integrated Gaging
- Laser Gaging Systems
- Vision Systems
- Custom Reports
- Process Verification
- Real-Time SPC/SQC
- Process Monitoring
- First Article Inspection
- Non-Contact Gaging
- Automated Gaging Systems
- Scanning Systems



We're Available for You:

For additional information on this and other Avantech services, please contact us at the office nearest you, or visit us on the web at www.avantechinc.com

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