

What can VisionGauge® OnLine do for you?

Read concrete examples of applications that VisionGauge® OnLine has solved!

Inspection of Laser Printer Cartridge Blades

VisionGauge® OnLine is useful in the laser printer industry to inspect the blades used to wipe excess toner off the printing drum. VisionGauge® OnLine is able to rapidly and reliably inspecting the wiping edge of these blades to detect various types of damage including nicks and cuts.

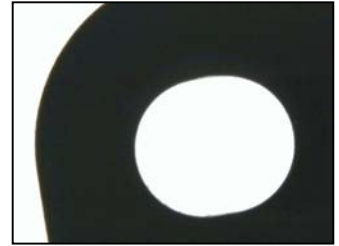
The blades measure up to 11" in length and the VisionGauge® OnLine-based system is able to detect defects as small as 0.0001". In this case, the cycle time is under ten seconds including loading and unloading of the blades.



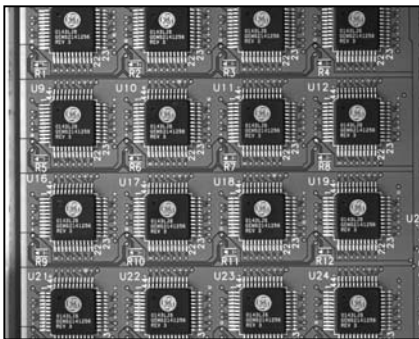
Fast In-Process Measurement of Small LASER-Drilled Holes

A manufacturer of very thin metallic membranes used in CRT screens needs to inspect LASER-drilled holes as they are being produced. To solve this application, VisionGauge® OnLine was retrofit onto the LASER head

of the production equipment and will continuously measure the back-lit holes, as they are being produced. The requirements of this application include a measurement accuracy of 0.0005" and a throughput of many hundreds of holes per minute.



Optical Character Recognition (OCR) of Date-Lot Codes on Electronic Components



VisionGauge® OnLine is being used by a manufacturer in the medical device industry to capture date-lot codes - using VisionGauge® OnLine's OCR tool - as well as board serial number information - available as a barcode. All of this information is captured by VisionGauge® OnLine in a single very high-resolution image and is automatically saved in a database. It is then used to cross-reference component and board information throughout the product's life. This is a high-volume application, and the manufacturing environment in which VisionGauge® OnLine is being used operates around the clock.

For more information please visit our website

www.visionxinc.com

Have questions and/or comments?

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To find out how we can solve your specific application needs, please contact us.