

VisionGauge® Application Newsletter

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**What can VisionGauge® products do for you?
Read examples of applications that VisionGauge®
products have successfully solved!**

Automatic In-Process Tracking of Seams on Bellows



VisionGauge® OnLine is being used for automatic in-process measurements of bellows as they are being LASER welded. VisionGauge® OnLine measures the position of the seams as the bellows rotate and transmits these measurements to the bellows welding machine via a standard RS-232 COM port. This way, the welding head on the machine can track the seam accurately and ensure a high quality finished product.

Automated Scanning and Defect Detection Across 18" X 18" Envelope

The Motorized Stage Configuration of VisionGauge® OnLine is at the heart of our Automated Optical Inspection (AOI) systems that can be used for automated defect detection and measurements. Standard configurations have a travel of up to 18" X 18" and an encoder resolution of 0.1um. Various optical and illumination configurations are available depending on the requirements of each specific application.

Among other things, VisionGauge® OnLine AOI systems are capable of high accuracy scan operations to carry out automated 100% inspection and defect detection over large areas.



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

For more information please visit
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Have questions and/or comments?

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