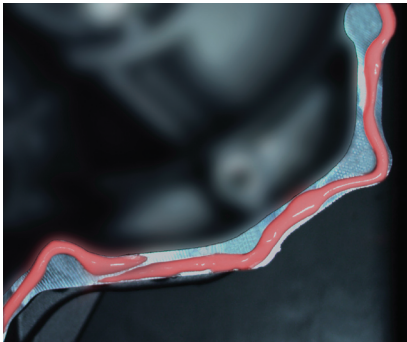


Vision sensor software for Glue Bead Inspection Model FZ3-UGI/UGIH

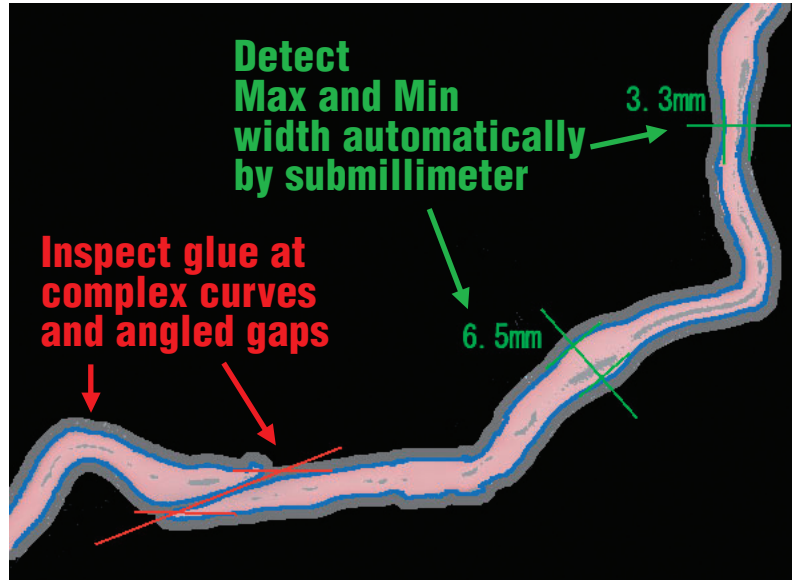
Accurate calculation with any path, any environment

High accurate inspection of the complex path



Original image

Omron original



With Omron's original automatic outline scanning technology, automatically calculated glue width and detected angled gaps even complex curved path. Logging the data of glue condition, utilizing for quality control and traceability.

Identify glue independent of environmental change

Inspection troubles by glare, changes in lighting condition, and variations in metal workpieces are resolved by powerful image processing technology (HDR = high dynamic range processing). Responding to changes in lighting and surface, the technology delivers high detecting accuracy.

Patent pending



Previous process

Cannot detect the glue path at the glared area.

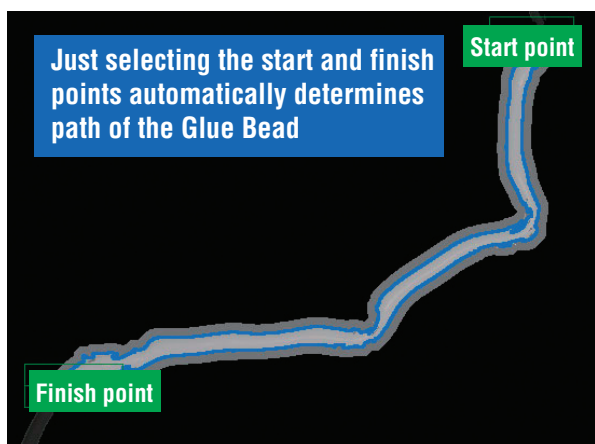


HDR process

Can reliably detect the glue path by eliminating the effects of glare.

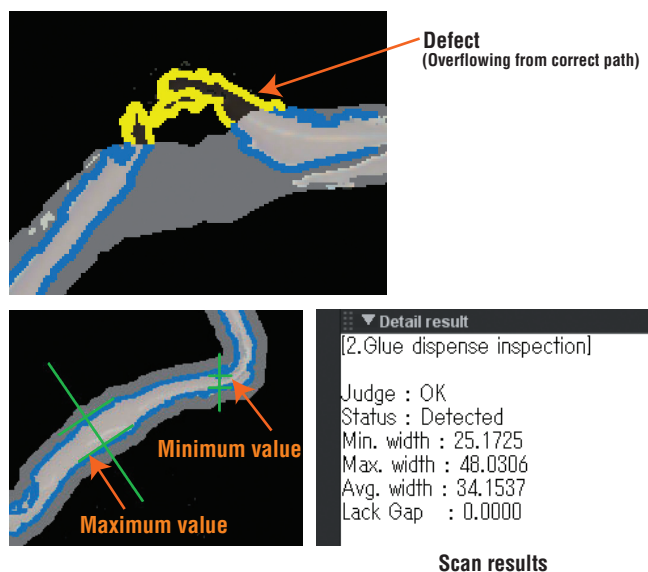
Detects complex paths with Easy set-up

Define the glue path outline simply by defining the start and finish point on the screen. No expert knowledge is required.



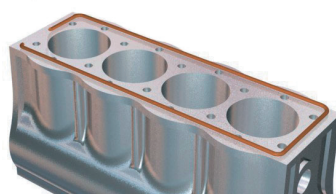
Visible results enable quick error analysis

Graphical scan image is shown on-screen, allowing immediate analysis and quick correction of errors.



Scan results

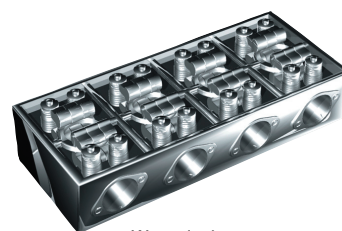
Examples of application



Cylinder head



Door panel



Water jacket

Rating, performance and specification

item	model	Description(Supported controllers)
Vision sensor software for Glue Bead Inspection	For high grade controllers	FZ3-UGIH
	For high speed and standard controllers	FZ3-UGI

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