



Outstanding illumination power



Highest sensor flexibility



Lean system setup and spare part portfolio

QUISS

## RTVision.t

Fully-automated 2D in-process bead inspection

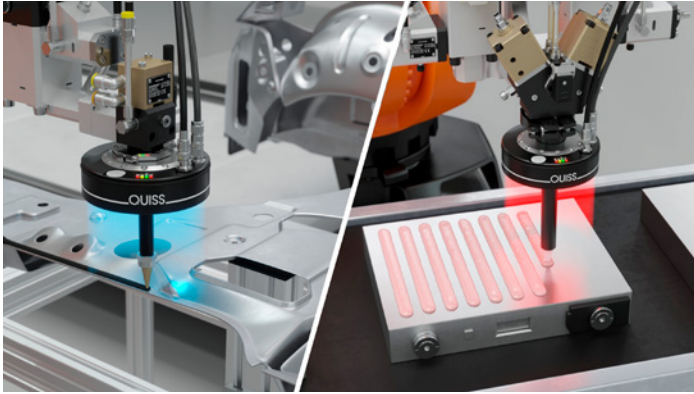
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# Optimizing bonding quality with RTVision.t

Quality and productivity are critical priorities in car and battery manufacturing, and both must remain high while staying within budget constraints.

The Quiss RTVision.t bead inspection sensor provides a dependable solution for high-quality bonding applications, seamlessly operating within cycle time requirements. The versatile system supports various application patterns, including bead, stitch-bead, and swirl, across all adhesive types and surfaces. With 100% visual inspection and an intuitive, fast setup, it reduces quality costs while maintaining peak productivity.



With customizable illumination colors, the system ensures maximum contrast quality to accurately detect material of any color.

## STANDARD VARIANT OVERVIEW

Robot speed	600 mm/s
Working distance	75 mm - 275 mm, covered by 5 sensor types
Risk group	0 (no security level required)
Software add-ons	<ul style="list-style-type: none"> <li>Automatic bead repair</li> <li>Sensor check</li> </ul>
Bead dimensions	

## KEY FEATURES

- Integrated strobe controller**  
 No hardware in cabinet, simplified power supply
- Modular system design**  
 Reduced spare parts, fewer cables, universal holder
- Exposure time <50 μs**  
 Reduced blur effect, ambient light resistant
- Ready for pole filter use**  
 Monitoring of low contrast applications
- Flexibly adjustable depth of field**  
 40 mm depth of field adjustable in software

## REPEATABILITY

<p><b>± 0.5 mm*</b> repeatability in adhesive gaps</p>	<p><b>± 0.05 mm*</b> repeatability in position and distance to part edge</p>	<p><b>± 0.05 mm*</b> repeatability in width</p>
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\*requires max. ±5 mm part variation in z