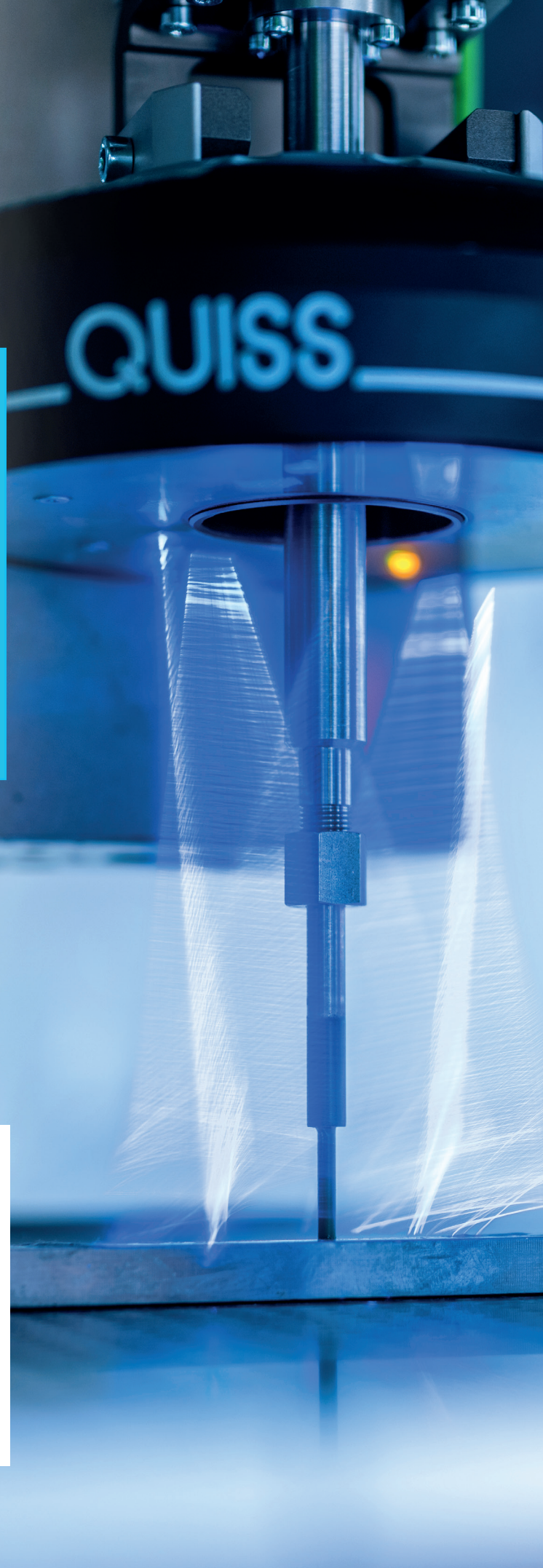


INSPECTION SYSTEMS
QUISS RTVision

TAKING QUALITY ASSURANCE INTO THE THIRD DIMENSION

APPLYING ADHESIVE AND SEALANT GOES HAND IN HAND WITH QUALITY ASSURANCE

Quality control as an integral part of the dispensing cell. That means higher product quality, lower costs and greater flexibility.



SIX REASONS TO INVEST IN OUR INSPECTION SYSTEMS

1

AN INCREASE IN PRODUCTION QUALITY

2

SIGNIFICANT COST, TIME AND MATERIAL SAVINGS
BECAUSE LESS REWORKING IS NEEDED

3

HIGH LEVEL OF PRODUCTIVITY THANKS TO
INTEGRATION IN THE APPLICATION UNIT

4

SIMPLE OPERATION
OF STATE-OF-THE-ART SOFTWARE

5

DOCUMENTATION AND TRACEABILITY
EVEN AFTER COMPONENT DELIVERY

6

REDUCED TOTAL COST OF OWNERSHIP



INSPECTION SYSTEMS
RTVision

LET OUR
SYSTEMS "SEE"



RELIABILITY COMES
ONLY FROM ADHESIVE
AND SEALANT
APPLICATIONS THAT
HAVE BEEN CHECKED
100 PERCENT

USER-FRIENDLY SOFTWARE

- Easy to set parameters
- Detailed visualization of the status
- Teach-in functionalities support the personnel and reduce start-up time
- Industry-proven algorithms ensure smooth 24/7 operation



Intuitive user guidance and clear OK/NOK display

Inspection is integrated in the dispensing cell so the application is tested and monitored at the same time as adhesive or sealant is applied. This reduces production time and costs and ensures optimal proven and traceable product quality.

The Vision System is available in two versions: RTVision.t and RTVision.3d. Both systems can be easily integrated in our dispensing systems and feature compact dimensions and industrial design. They provide a 360° view around the nozzle as the bead is applied.

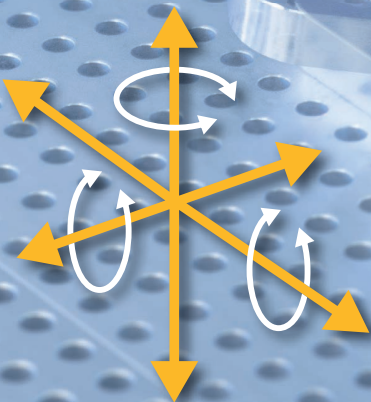


RTVision.3d

PERFECT FOR ANY POSITION

Precise dispensing of adhesive or sealant beads, even if components are not accurately positioned.

RTVision.3d can detect a component in any position. No matter how it lies, the inspection system can locate it in 3D and the path of the axis system will be automatically corrected. This ensures that the bead is applied accurately on the component. There is no need for the component to be fixed in position for the dispensing process, saving on complexity and often high expenditure.



INLINE QUALITY INSPECTION IN THREE DIMENSIONS

The inspection system monitors the continuity, position and width of the bead at the same time as the material is dispensed. RTVision.3d can also monitor the height and the volume of the bead as it is applied.



± 0.5 MM

Accuracy in
adhesive gaps



± 0.1 MM

Accuracy in width



± 0.1 MM

Accuracy in position

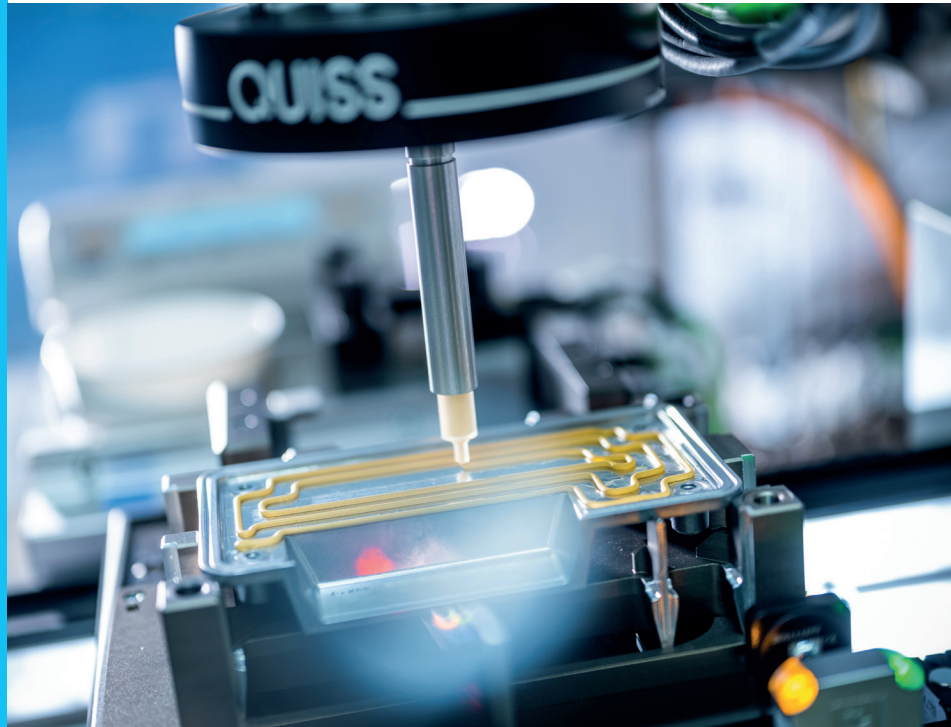


± 0.15 MM

Accuracy in height

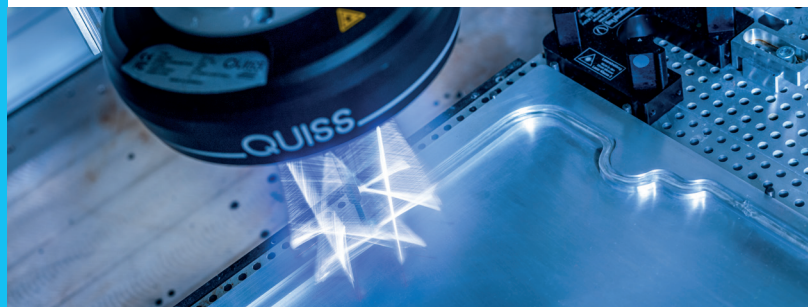
RTVision.t

COMPREHENSIVE INLINE BEAD INSPECTION



Demands on electronic components in the automotive and medical sectors in particular are extremely high as they need to operate continuously and flawlessly.

Beads therefore have to be applied to components and/or assemblies with extreme precision and efficiency. Electronic components need to meet the highest demands if they are to provide trouble-free service at all times. Inline inspection ensures full quality control and fault-free processes.



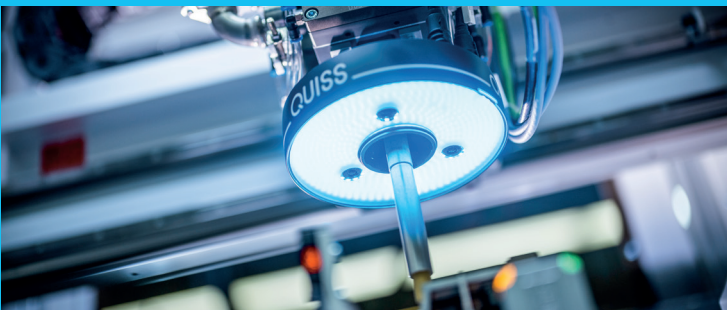
The 3D inline solution is ideal for quality assurance of safety-critical, structural adhesive bonds.



TAKING AUTOMATION FORWARD

With the integration of the RTVision inspection systems, Scheugenpflug, part of Atlas Copco, is continuing its philosophy of offering everything from a single source.

The all-in-one solution with full integration of inspection in the dispensing station is an excellent addition to the portfolio of perfectly matched solutions. In-depth process know-how and comprehensive automation expertise enable plant operators to achieve a higher, fully documented level of quality. At the same time, rapid reaction times in process monitoring increase the productivity of the plant.



**WE PROVIDE YOU WITH
SOLUTIONS, NOT INDIVIDUAL
COMPONENTS, AND ARE
CONSTANTLY EXTENDING THE LINKS
BETWEEN THE TECHNOLOGIES**



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