



Fully Automated Optical Final Inspection

SCREENSCAN INSPECT

Maximize Quality – Avoid Claims

ISRA
VISION

Reliable Quality with Optical I

Reliable. Effi

High-Precision. High Speed. Complete and Reliable – Optical Inspection

ISRA's state-of-the-art automated and complete automotive glass inspection is designed for final inspection to avoid claims and increase quality. The combination of the best technologies available ensures high quality product control and throughput. Using special high-end cameras and high-power LED illumination, combined with sophisticated detection and evaluation software allows for superior inspection results.

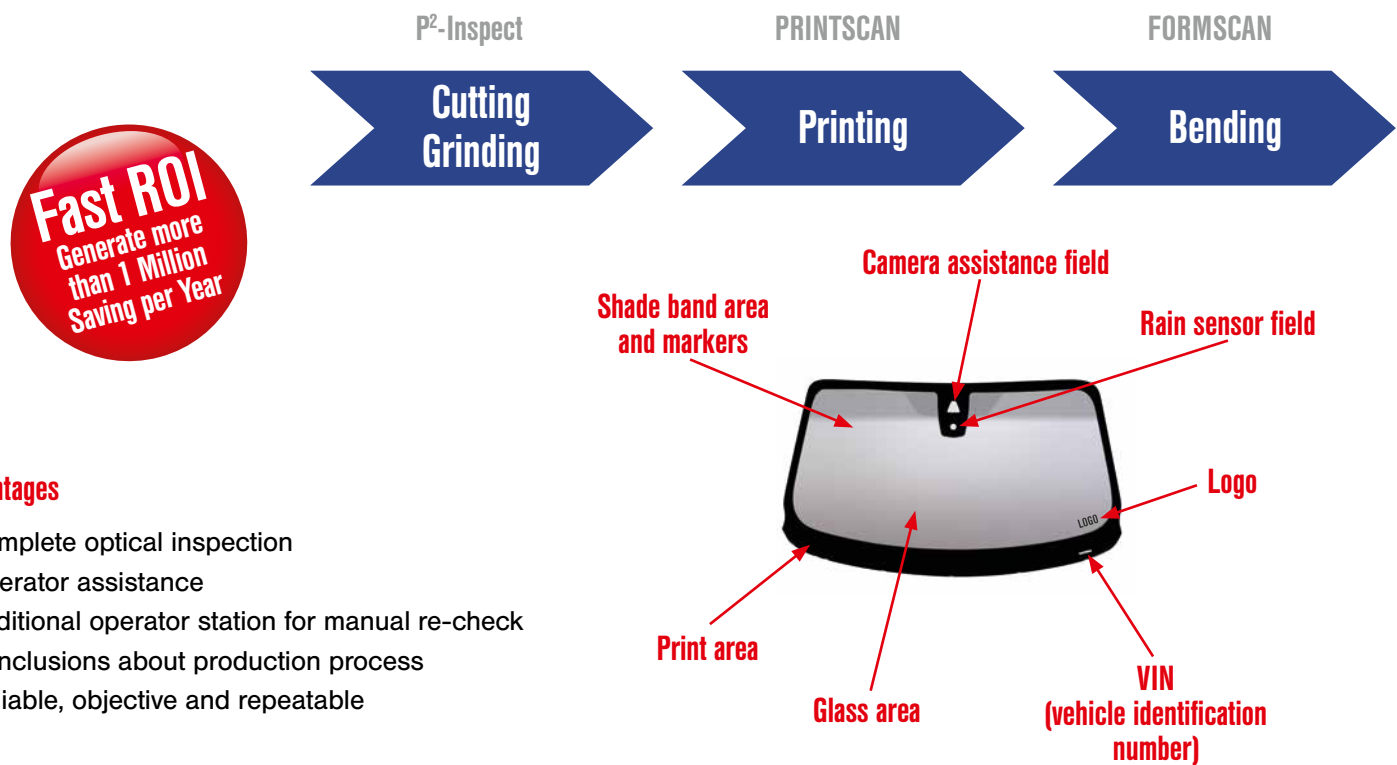
Avoid Claims. Improve Quality. Quick Return on Investment

SCREENSCAN-Inspect optically inspects your final automotive glass product for surface and massive print defects before shipment to meet exact quality requirements and avoid claims. It allows for inspection of all automotive glass types, even multi-functional windshields and privacy glass. It's use supports the operator with precise information, down to the μm range.

The result: Precise quality, less claims, and increased profitability.

The Solution for Assisting in the Fi

Return on investment is ach



Advantages

- Complete optical inspection
- Operator assistance
- Additional operator station for manual re-check
- Conclusions about production process
- Reliable, objective and repeatable

Features

- Absorbing defects in glass area
- Transmitting defects in print area
- Missing or extended print
- Transmission and position of shade band
- Existence and position of markers and logos
- Zone based quality grading
- Statistics and analysis tools for process optimization

All types of automotive glass

- Windshields
- Sidelite
- Sunroofs
- Backlite
- Clear and privacy glass

Inspection for Automotive Glass

Efficient. Precise.

Benefits at a Glance

- No shipping of defective glass
- Fast integration into existing process lines
- No adaption of production process required
- Reliable and objective operator assistance
- Production process analysis and improvement
- Ready for Industry 4.0

Application

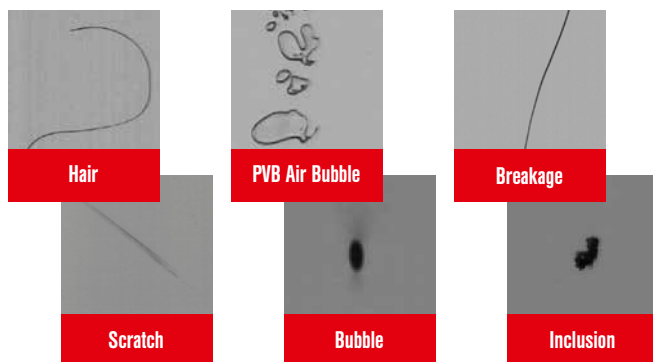
- In-line optical inspection
- Multi-functional automotive glass
- Clear and privacy glass products
- High-speed conveying, industry environment

Final Inspection of Automotive Glass

Completed in the shortest times.



Absorbing defects



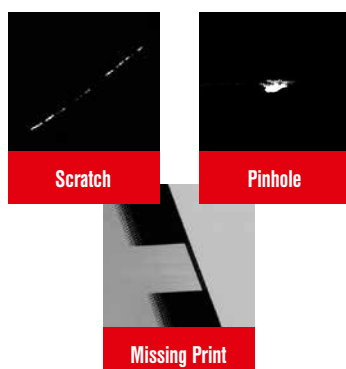
SCREENSCAN-Inspect

SCREENSCAN-Inspect checks your final automotive glass product for light-absorbing faults, for example hair traps or spot flaws in the lamination layer, even in the shade band, as well as massive print defects like scratches, pinholes and even missing print. The advanced software enables the inspection of all important areas of multi-functional windshields like rain sensor field, camera assistance field and vehicle identification number area. For instance, missing IR deletion in the rain sensor area can be detected.

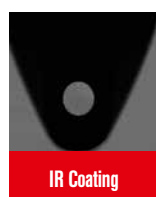
Even dark privacy glass, used in sidelite and sunroofs, can be fully inspected.

The advantage: Defective screens are eliminated before shipment to avoid claims

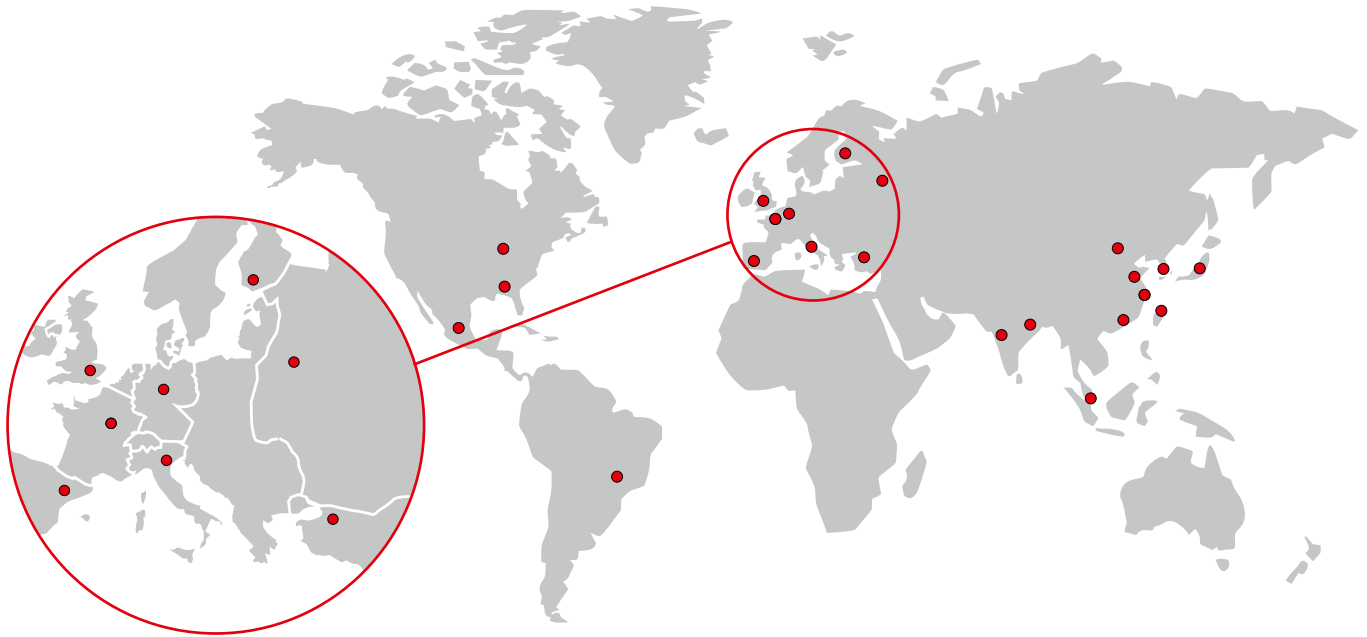
Print defects



IR Coating detection



Innovations for Automated Optical Inspection



**We are the innovators in optical inspection.
Best practice. Best system. Best service.**

For over three decades, ISRA VISION has become a leading manufacturer of highly accurate automated optical quality inspection systems.

More than 10,000 successful applications reference our sustainable experience in the field of machine vision products – and our ability to innovate.

Today our products are operating worldwide in such industries as glass, plastics, foils, print and automation. It is our goal to set system standards for total process control in these industries.

Customers choose ISRA for the ability to develop products consistently to their requirements. More than 900 employees at 25 locations worldwide are working to contribute to your success.

Your global partner for surface inspection.

We offer our experience and a highly qualified team of experts to design and implement solutions for advanced applications.

We assure that our mission continues beyond our shipping dock. Just challenge our Customer Support and Service Center (CSSC).

We guarantee excellence to our customers – from consulting to service, from tailored solutions to worldwide support. We can make your business more competitive.

**Challenge Us.
Inspect to Control – with ISRA VISION**

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