WHAT IS AND HOW WORKS GLASSINSPECTOR?

Glass Inspector ® is an artificial vision system for quality control in the manufacturing of double glazed glass, tempered glass, laminated glass and photovoltaic glass.

Defects in flat glass such as origin defects (such as bubbles or inclusions) or production defects (such as stripes or stains) are problems that are detected when it is too late.

Glass Inspector ® is a system that conducts an online inspection of the glass pieces, detecting defects without interrupting production. With the information gathered we ensure that defective glass do not continue production process and in this way minimize costs linked to these defects.

Glass Inspector ® marks details of the defect directly onto the glass in question and helps the operator to make a quick decision: correct the defect or remove the defective piece of glass.

ONLINE INSPECTION
OF DEFECTS IN THE GLASS

Double glazing

Tempered

Laminate

Painted

Silkscreened

etc.

With GLASSINSPECTOR, the most significant defects in the early stages of manufacturing are detected, ensuring that no defective glass follow the productive process.

TECHNICAL FEATURES

- Maximum speed of production line: 40 m/min.
- Maximum resolution: 0,04 mm2. (*)
- Maximum glass dimensions: Unlimited.
- Detectable defects: bubbles, inclusions, stripes, stains, layer defects, fingerprints, water drops, etc.

Minimum detectable defects depend on the type of defect, the minimum resolution and the lighting applied.

SMART POINTER

EASE OF INTEGRATION

Glass Inspector ® is easily integrated into any type of horizontal or vertical manufacturing line. You will not need to modify any element and it does not occupy any space at the back of production lines.

COMPLETE SOLUTION: DETECTION AND SIGNALING DIRECTLY ON THE GLASS

Glass Inspector ® is a complete solution for detecting and signaling of defects. Thanks to the patented system Smart pointer (Patent number P201030605) the operator quickly and easily locates the defect and decides whether to intervene to correct or dispose of the piece.

Glass Inspector ® includes a traceability system that can be linked to a bar-code reader.

PERSONALIZED SERVICE

Glass Inspector ® is configured according to the requirements and specifications of each installation and production line.

Contact the technical and commercial team of Glass Inspector for a personalized offer.

Glass Inspector