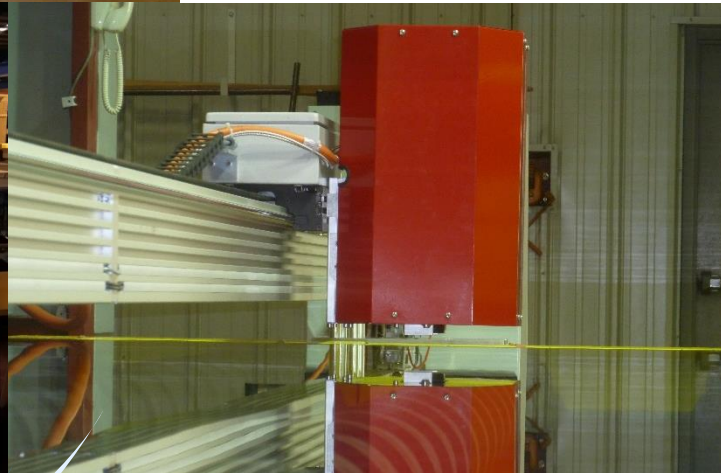
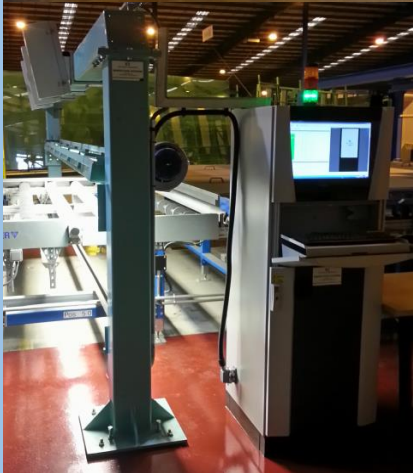
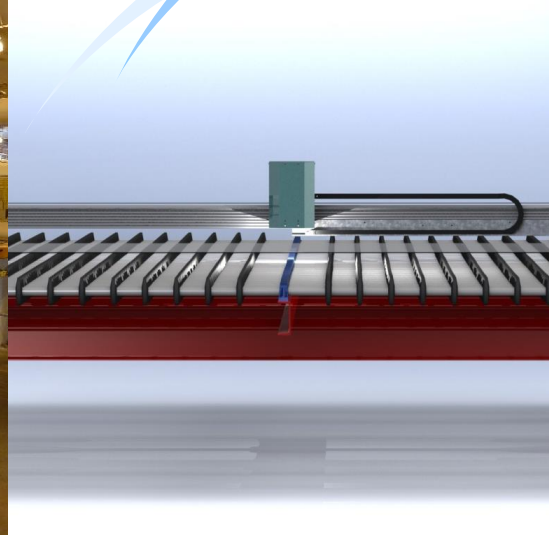




Inspection Systems



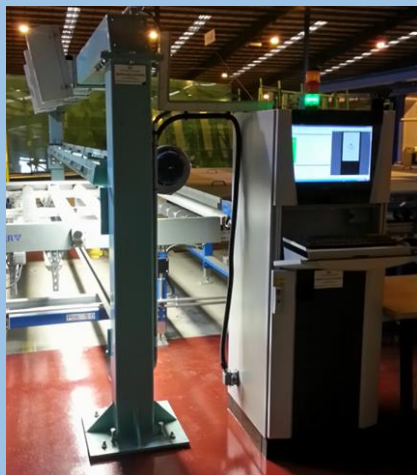
Eagle-I

IQ

AG

TG

Glass measurement systems



AG

Mirror & wet coatings inspection

Inspection Systems has worked in float glass inspection since the late 1980s and the Eagle-I system was one of the first cut plate glass inspection systems brought to market. We now have over 100 automated vision systems across 6 continents, serving clients such as Pilkington NSG, Guardian Industries, St Gobain, Cardinal FG, AGC and the PFG Group.

Our equipment is integrated to plant from companies such as Grenzebach, Bottero, Bystronic and the ICAP Group and offers functionality ranging from the measurement of powder particles to jumbo plates and from the automatic rejection of bad glass to robot stacking of good glass.

AG is optimised for defect detection in wet coatings. Systems may be located after each stage of the production process for the fastest possible feedback, or at the end of line to provide final inspection of both top and bottom surfaces.

Tests include:

- Verification of glass integrity
- Silver/glass side defects
 - Pinholes
 - Blemishes
 - Stains
- Paint/top side defects
 - Voids
 - Bubbles
 - Streaks
 - Peel-offs
 - Debris
 - Foreign objects

The market for wet coatings is competitive. Manufacturers need flexibility in their product portfolio and high yields to in order to meet demand and remain competitive. Inspection Systems are committed to providing cutting edge systems that meet the requirements of today with adaptability for the future.

Features

- Scalable solution across all conveyor widths
- Clear and easy to use GUI
- Real-time measurement display
- Detailed visual plate data for defect analysis
- Production statistics and management info
- Selectable reject types
- Full integration with plant control equipment
- Diagnostic and plate data logging facilities
- Remote diagnostic tools for off-site support

Benefits

- Improved operational efficiency
- Allows coating defects to be detected at the earliest possible stage
- Faster tracing of defects
- Reduced wastage
- Yield maximization
- Detailed statistical information
- Ease of installation
- Low maintenance



Inspection Systems

Unit 10, Rugby Park
Bletchley Rd
Stockport SK4 3EJ, UK
T. +44 161 947 9111
www.inspection-systems.co.uk