



Quality Scanner 3D

Glass quality control with superior performance



Quality Scanner 3D

		WORKING PRINCIPLE		
Illumination and detection channels	Brightfield channel transmission	Darkfield channel transmission	Brightfield channel reflection	
	<p>Simulation of a bright diffuse sky</p>	<p>Simulation of lateral sunlight</p>	<p>Simulation of direct light reflection</p>	
Detection with special focus on:	<p>Defects with precise contour</p>	<p>Defects low in contrast</p>	<p>Coating defects</p>	

OBJECTIVES

- Advanced glass defect detection system designed for the most demanding applications
- Minimize claim rates using the state of the art classification system allows for detailed root cause analysis of defects
- Reduce costs associated with scrapping glass by gaining the ability to rework defect in real time

SYSTEM

- Can be installed both horizontally or vertically in a variety of glass processes
- Modular, scalable system allows for multiple detection channels to create the best possible contrastive detection for all types of defects
- Comes standard with brightfield detection channel for typical defect detection (bubbles, seeds, scratches, etc.)
- Upgradeable with a darkfield channel to detect low contrast defects typically very difficult to detect (roller marks, hazy residues, hairline scratches, etc.)

- Upgradeable with a reflection channel to detect defects typically found in coatings (coating scratches, pinhole etc.)
- Intuitive operator interface allows for clear visualization of the glass defects
- Meets and exceeds the requirements under ASTM C1036, EN 1279 or JIS R3209 for the defect detection of architectural glass
- Quality recipes can be modified and developed to specific customer needs
- Each defect channel displays its individual defect image (up to three images per defect)
- Full suite of reporting tools allow for complete audit history of production
- Can be used as a stand alone solution or integrated into the line control or separate ERP system

WE ARE SETTING THE STANDARDS