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**Automotive Display Glass**  
Your benefits from  
Dr. Schenk's unique solutions

## 1. Flat, freeform, multi-display or curved: the inspection expert has a solution

Vehicle displays move toward wider and more complex shapes, such as free shape and multiple displays. While each display has its challenges, Dr. Schenk AOI (automatic optical inspection) solutions are ready to take them on.

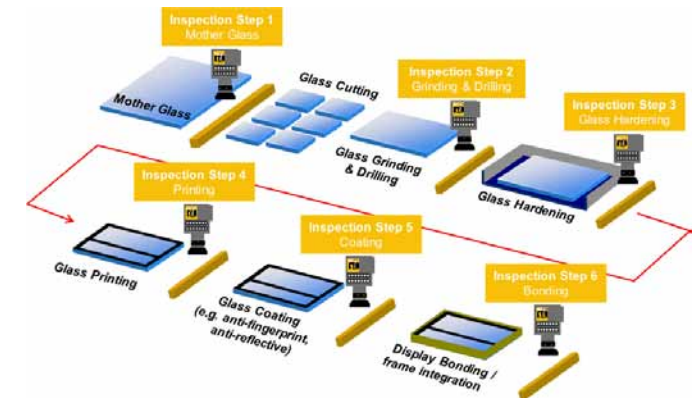


### Your advantages from Dr. Schenk AOI are:

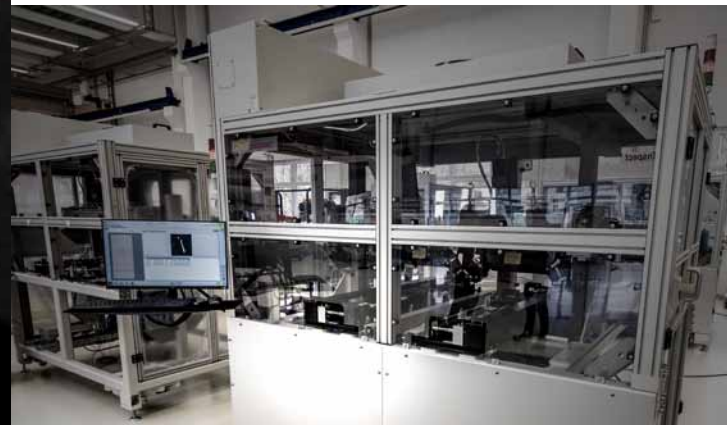
- Prepare for demanding customer requirements
- Ensure material quality by covering all crucial production steps
- Gain quality & cost advantages over your competition

## 2. Take control of your automotive display glass production

From incoming bare glass to final integration of display glass – controlling the quality at every crucial step with a modern Dr. Schenk AOI solution ensures optimum products at efficient production costs.

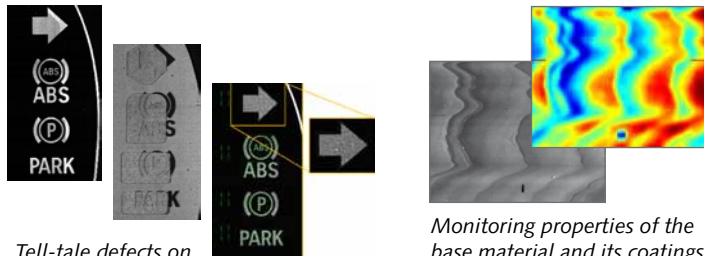


Possible inspection steps in automotive display glass production



### 3. Local defects and overall material properties

Automotive display production requires many value-adding steps. By checking the display as it is being made – especially prior to costly steps – defective material can be excluded from further processing so as not to reach the customer.



Tell-tale defects on automotive cover glass

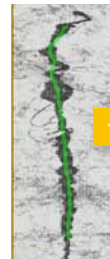
Monitoring properties of the base material and its coatings e.g. coating homogeneity

#### Your advantages from a Dr. Schenk AOI solution are:

- Local defects & material properties are captured with one inline solution per inspection station
- Improved quality and increased customer satisfaction
- Lower production costs through process control that optimizes the whole production process

### 4. MIDA X: perfect segmentation of defects

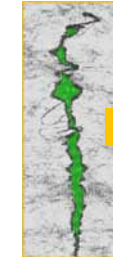
Dr. Schenk MIDA X is the intelligent answer to segmentation issues and the beginning of a journey that will create automatic classification algorithms for you.



Manually trace the approximate defect contours...



...then check the initial MIDA X interpretation



Benefit from improved detection based on MIDA X...



...resulting in perfectly segmented defects and optimum classification

#### Your advantages from Dr. Schenk MIDA X are:

- Precise determination of defect contours and characteristics
- No programming or scripting knowledge required

#### Your advantages from Dr. Schenk AI are:

- AI-assisted defect library creation
- AI-based classification improvement
- Machine learning: system improves with every defect input and classification pass

