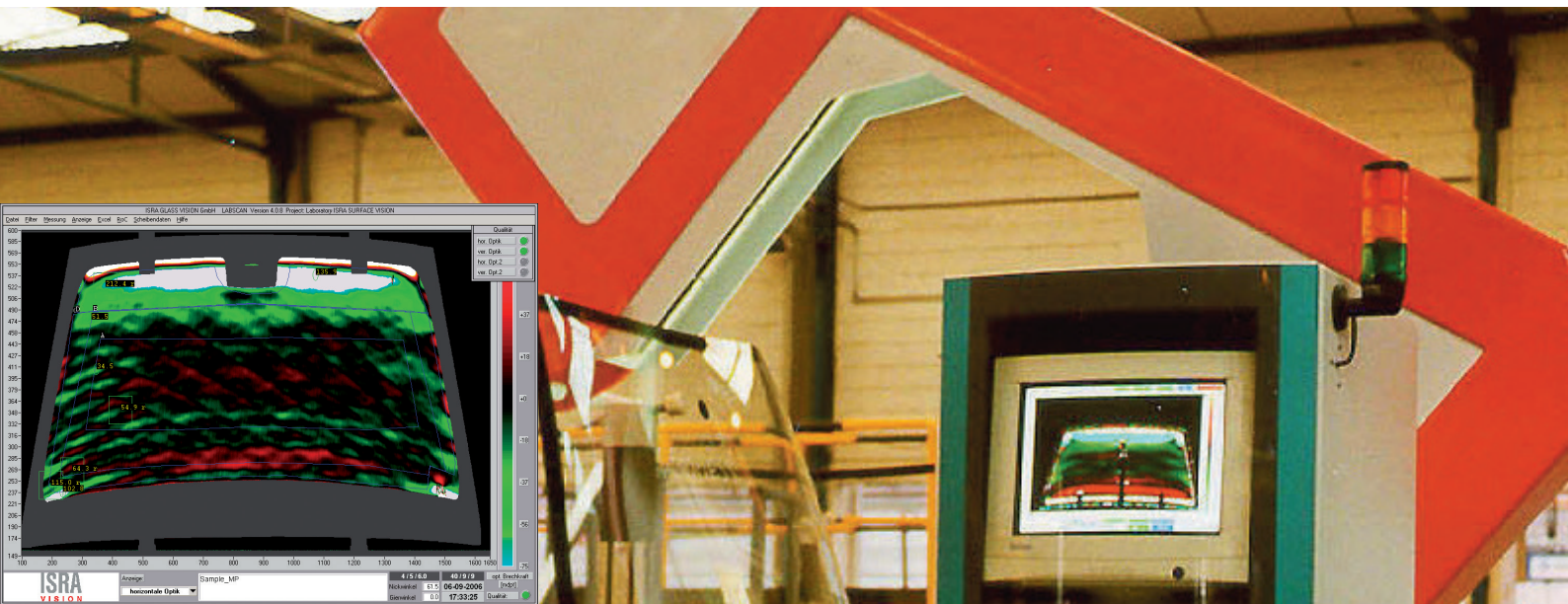


## SCREENSCAN-Faultfinder

## Online Inspection of Transmitted Distortion



### Inspection Task

**SCREENSCAN-Faultfinder has become a well-known standard in the car glass industry to control optical distortion on the production line. The proprietary Online-Moiré-Technology ensures real, reliable and repeatable measurements with the highest resolution and accuracy.**

### Integration and Process Reliability

The slim design of the SCREENSCAN-Faultfinder allows easy installation at an existing conveyor. If needed the conveyor will be evaluated to ensure the measurement accuracy. The installation will be done by a system expert and comprehensive training is an integral part of our scope of supply. Follow-up service and consulting complete our standard deliverables.

### Integration and Process Reliability

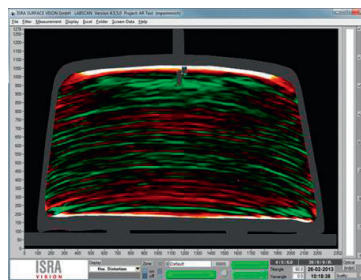
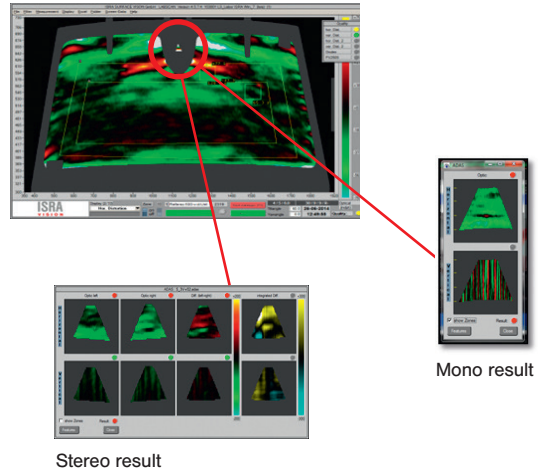
- All screens: windshields, back lites and side lites.
- All directions: horizontal and vertical distortion (float optic).

### Applications

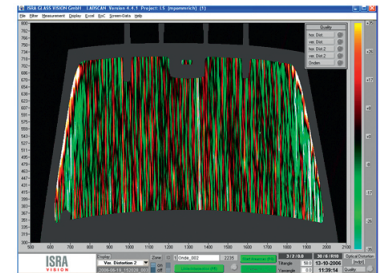
- Online inspection of transmitted distortion
- Accurate and reliable measurement thanks to Online-Moiré-Technology
- Reliable delivery of proved optical quality
- Reduction of customer complaints
- Analysis of process related defects
- Quality decision with data protocol
- Comparable results to LABSCAN-Screen
- ADAS evaluation tools

## System Features:

- ADAS evaluation tools
- Color coded displays for horizontal & vertical transmitted distortion (multiple display viewing function)
- Intensity picture (black and white) for quick result overview
- Inspection of all areas down to 9% transmission, e.g. shade-band
- Definition of screen specific settings
- Automatic loading of pre-defined screen type settings and features incl. filtering etc.
- Up to 16 free configurable zones (region of interests)
- Simultaneous evaluation of all features for all zones:
  - Maximum function
  - RoC (Rate of Change) function
  - Blob analysis
- Adjustable quality levels (up to 3, each) for all features and zones
- Unlimited number of different screen type settings
- Data file of measurement results



Horizontal distortion



Vertical distortion

## Further available software tools:

- Software filter for heatgrids
- Measurement point function (reduced online version)

<b>Max. screen size</b>	up to 1350 mm height at 60°, other sizes on request
<b>Measuring range</b>	± 400 mdpt > with accuracy
<b>Conveyor speed</b>	Up to 40 m/min, higher speeds on request
<b>Cycle time</b>	5 sec for data processing after measurement
<b>Measuring point resolution</b>	0.8 x 1 mm <sup>2</sup>
<b>Glass transmission</b>	> 9 % at 550 nm at measurement angle

## ISRA VISION

Germany  
Tel.: +49 (2366) 930 00

Belgium  
Tel.: +49 (2366) 930 00

Spain  
Tel.: +34 (93) 839 70 32

France  
Tel.: +33 (0) 155 681 250

Italy  
Tel.: +39 (0464) 490 603

UK  
Tel.: +44 (1442) 261 202

USA  
Tel.: +1 (770) 449 77 76

Brazil  
Tel.: +55 (11) 347 611 32

Turkey  
Tel.: +90 (212) 285 97 45

Russia  
Tel.: +7 (921) 055 63 30

P.R. China  
Tel.: +86 (21) 685 002 88

Japan  
Tel.: +81 (45) 534 99 11

Korea  
Tel.: +82 (31) 806 973 00

Taiwan (R.O.C.)  
Tel.: +886 (3) 250 01 48

India  
Tel.: +91 98 23 16 24 55

Optimize your ROI with the technology leader **ISRA**  
[info@isravision.com](mailto:info@isravision.com)      [www.isravision.com](http://www.isravision.com)