

On-Line Glass and Glass Coating Inspection System

The AIS 100/AIS 200 on-line Glass and Glass Coating inspection systems have been designed to provide the quality data needed to on-line monitor and open-loop control CVD coatings on float glass. These systems are of modular construction and utilizes optical technology, allowing a scalable selection of instruments, calibrations and software that are determined by the user's needs. The AIS 100 is utilized at the cold end after the annealing lehr on the open section of the inspection conveyor while the AIS 200 is employed at the earliest possible position in the process (between the float bath and the annealing lehr or lehr A0 section).

FEATURES

Full Automatic or Manual

- Timed Cycle Scan
- Traverse Scan
- Multiple Spot Scan

Operator Adjustable

Quality Alarm Levels

Data Logging and Printing

- Local
- Remote

Rugged and Robust Build

System Capabilities

- Reflective Color
 - Uniformity
 - Repeatability

• Emissivity

• Reflectance

• Coating Thickness

TECHNICAL SPECIFICATION

Electrical	380VAC, 50 Hz, 3 Phase, 5 Amps max.
Air	clean, dry, and pressure regulated to 3.5 Bar
Line Speed	up to 25 m/min
Temperature	inspection conveyor <60 °C, lehr gap 550-600 °C
Dimensions	0.5 m x 6.0 m x 1.8 m



“These systems are designed to meet recognized industrial standards for quality and safety and the specific environment of a float glass manufacturing facility.”