

Load Validator™

Load Geometry + Fault Detection System

LiteSentry™

Setting the Standard in Glass Inspection

ENSURES
CORRECT LOAD
GEOMETRY

DETECTS
FAULTS
BEFORE GLASS
ENTERS
CRITICAL
PROCESSES

INCREASES
THROUGHPUT
AND LINE
EFFICIENCY

LOAD VALIDATOR™ Load Geometry + Fault Detection System

The Load Validator™ by LiteSentry™ detects fault conditions in glass sheets and in load geometry prior to expensive, value-adding continuous processes.

A key element of a comprehensive quality inspection system, the Load Validator provides accurate, repeatable, consistent measurement of glass size, load size, and critical fault conditions likely to cause glass breakage and subsequent interruption to coating or tempering systems.

The Load Validator is installed on the production line prior to critical continuous processes, such as high vacuum coating systems or washer stations preceding tempering.

Real-time, 100% inspection collects, analyzes, and reports out data on the size, thickness, and location of every glass sheet and the overall geometry of the load, preventing the defective material from furthering processing.

Load Validator™ Processing Specifications

| | |
|-----------------------------|--|
| Load width – maximum | 2438 mm (96 inches) |
| Glass thicknesses measured | 2.7-12 mm (.10-.50 inches) |
| Max conveyor speed | 500 mm (19 inches) per second |
| Glass geometry | Rectangles only |
| Substrate color/reflectance | Clear or absorbing |
| Glass sheets measured | Any soda lime glass with reflective surface including most patterned glass |
| Orientation of Glass | Total area of glass sheet measured in any orientation |



The Bottom Line

The Load Validator provides instant, accurate measurement of glass loads to eliminate defectives and load faults before they enter the production line.

LiteSentry™ Corporation

1403 F Heritage Drive
Northfield, Minnesota 55057 USA

TEL: +1.507.645.2600

EMAIL: sales4@litesentry.com

LiteSentry.com