

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 defects and load faults before they enter the production line.

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