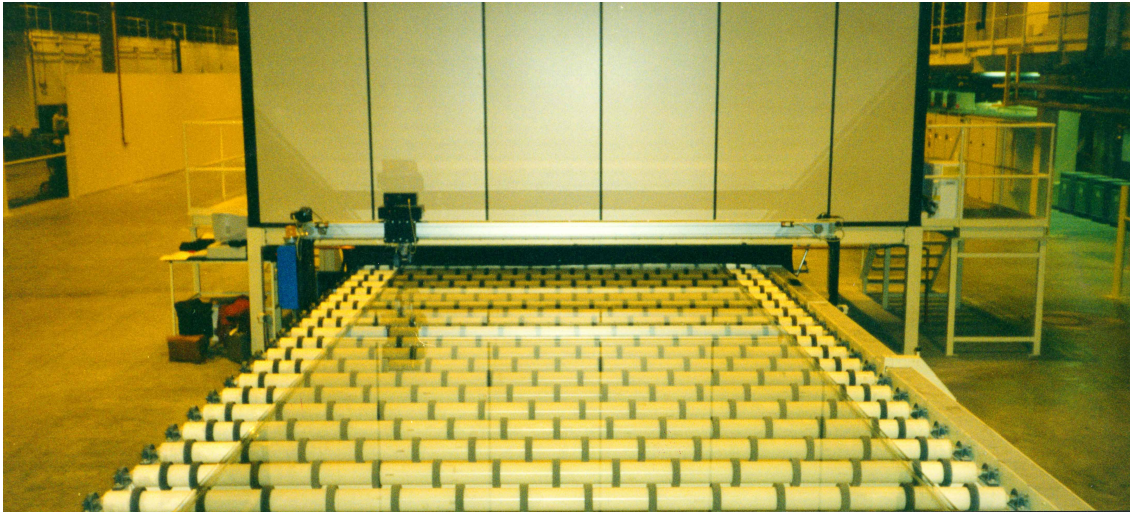


# Strainoptics®

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## SCA-1500T Float Glass Stress Scanner



Strainoptics' field-proven SCA-1500T on-line stress scanners are in use at major float glass plants around the world, and have been for more than a decade. The SCA (Spectral Contents Analysis) technology, patented by Strainoptics, is recognized as superior to other methods on the market because it relies on full-spectrum white light –not monochromatic lasers—to provide analysis over multiple wavelengths. In addition to costing significantly less than competitive systems, the SCA-1500T is also easier and less expensive to maintain because the optical elements are small and not affected by the inevitable cullet and debris that fall onto sensor components mounted under the glass – a design that, in addition to causing measurement errors, can lead to component damage requiring expensive repairs, replacement, and downtime.

### Features

- Real-time measurement of thermal (temporary) stress, permanent stress or retardation, and glass temperature across the ribbon
- Unlimited range of glass thickness with optional high-intensity light sources for darker glass
- User-defined idealized target stress profile display
- Works with low-E coated, tinted, and most patterned glasses
- Simple operation with menu-driven user interface
- Zoom feature displays detailed stress data for edge region
- Scan, single-point, continuous-point, and auto-scan modes
- Flexible data scaling and data storage options
- Auto-calibration (certified reference standard included)
- Scan on demand or at pre-set intervals
- Analog or digital outputs, software customization available
- Self-diagnostics and manual mode capability
- Maximum, minimum and average statistics
- Combined thickness/stress measurement systems with industry-leading technology partners
- Full training at commissioning with continued factory support and free technical assistance