

Strainoptics, Inc.

World Leader in Glass Stress Measurement

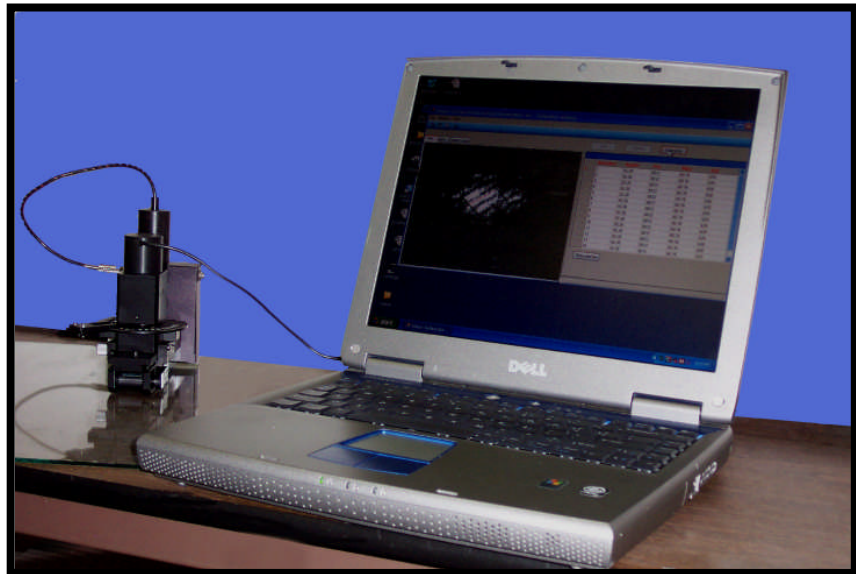
Introducing the AUTO-GASP® for Heat-Treated Glass

Now Measure Surface Stress in FT or HS Glass* with Point and Click Ease!

Place the AUTO-GASP on the uncoated tin side of heat-treated, soda-lime float glass just as you would with a standard Laser GASP®. After obtaining a good image, just click to capture the image and click again to display the surface stress value.

Instead of looking through an eyepiece and reading the rotation angle, the software automatically calculates and reports the measurement results.

Note: The accuracy of measurements is dependent upon the image quality obtained.



The Strainoptics Laser GASP® surface polarimeter is the glass industry's instrument of choice for measuring surface stress in heat-strengthened or tempered glass reliably and non-destructively. And with the new AUTO-GASP, it's easier than ever to comply with ASTM standards for measuring surface stress .

Using your laptop or desktop PC** and proprietary software, the AUTO-GASP automatically captures the image of surface stress in your glass, and with a click of your mouse analyzes and reports the temper level in psi, MPa, and kg/cm². An Excel-compatible database is instantly generated and can be saved for archiving or statistical analysis at a later date.

Number	Angle	Psi	Mpa	Kgf
1	59.31	10039	69.22	706
2	59.31	10039	69.22	706
3	59.31	10039	69.22	706
4	59.31	10039	69.22	706
5	59.31	10039	69.22	706

The AUTO-GASP system includes a standard Laser GASP body, modified to accommodate a CCD video camera in place of the standard eyepiece. The camera is connected to the PC via a supplied USB interface. An additional USB flash drive, required to run the software, is provided along with complete installation and operating instructions. A kit is available for owners of standard Laser GASP instruments that enables quick and easy conversion from manual to automatic operation. In "Auto" mode, the operator can still take a manual measurement for verification and training purposes. Please contact us or visit our website for more information.

* Not for use on annealed glass or glass with less than 3500 psi (24 MPa) of surface stress.

** System requirements: Windows 2000/XP/VISTA and two available USB 2.0 slots, Graphics Card (must support Direct X 9.0c), Microsoft .NET framework 2.0 or later (distribution copy included).

Strainoptics, Inc. 108 W. Montgomery Ave. North Wales, PA 19454 USA
Tel: 215.661.0100 Fax: 215.699.7028 stress@strainoptics.com www.strainoptics.com