GlasStress Ltd.  
Glass stress measurement equipment  
34 Suvila str.  
10912 Tallinn

Country  
Estonia

Phone  
00372 655 5531

Fax  
00372 655 5532

Internet  
www.glasstress.com

Employees  
5

Year founded  
2003

Export Rate  
100 %

CONTACT PERSONS

Mr. Johan Anton  
CEO

Phone: 00372 655 5531

Fax: 00372 655 5532

PRODUCTS OR MACHINERY

GlasStress Ltd is a manufacturer of internal residual stress measurement equipment for glass products. GlasStress Ltd offers automatic transmission polariscopes AP for container, tableware, lighting industries and scattered light polariscopes SCALP for automotive, architectural, solar industries.

COMPANY BACKGROUND / HISTORY

Initially, GlasStress Ltd supplied instruments for laboratory use. Developments now concentrates on higher volume lower cost stress analysis equipment that may also be implemented as quality control instruments at the production line. The personnel of GlasStress Ltd has 50 years of experience in measuring stress in glass articles.

At the moment, the most sellable machine is scattered light polariscopes SCALP-05. GlasStress Ltd offers also automatic transmission polariscope AP-07 and scattered light polariscopes SCALP-04.

Scattered light polariscopes are meant for through-the-thickness stress measurement. SCALP-04 is suitable for stress measurement in architectural glass panels and automotive glazing. SCALP-05 is meant for stress measurement in automotive and solar glasses, also in chemically tempered glasses. Both polariscopes are computer controlled. Handling of the polariscopes is extremely simple: just place the device on the glass panel to be measured and press slightly the button on the left side of the device. After ten seconds the stress profile through the panel thickness is shown on the screen.

Polariscope AP-07 is a computer controlled device designed for automatic stress measurement in solid and hollow axisymmetric glass products (drinking glasses, bottles, neck tubes of CRT bulbs, lamps, optical fibre preforms, etc.). It permits also edge stress measurement in glass plates and automotive glazing, thickness stress measurement in strips cut out from glass plates, and measurement of stress at edge corners. Photoelastic measurements are completely automatic and take from 2 to 15 seconds. After that stress distribution in any section of the test object can be displayed on the screen. Integrated photoelasticity algorithms are used for stress calculation from the...
measurement data. The polariscope can be used for stress measurement near the production line. Its handling does not need any knowledge about photoelasticity or stress analysis.

Company Profile of GlasStress Ltd.

A service of glassglobal.com, an affiliate of glassglobal group.

The address material you printed out is copyright and belongs to the Company or to its third party Marketing Agency, and all rights are reserved. Any User who accesses such material may do so only for its own personal use, and the use of such material is at the sole risk of the User. Redistribution or other commercial exploitation of such address material is expressly prohibited. Where such address material is provided by a third party, each User agrees to observe and be bound by the specific terms of use applying to such news material. Glass Global does not represent or endorse the accuracy or reliability of any of the info contained in any address or external websites referred to in this printout.