

Surface Stress Meter

FSM-6000LE Standard / Premium

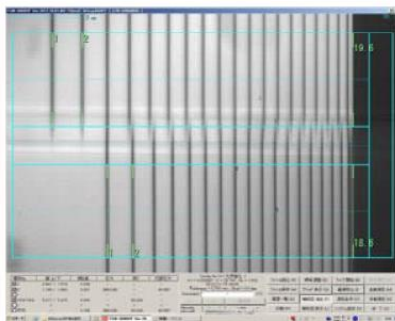


The FSM-6000LE series is developed for measuring the surface stress of glass using a PC.

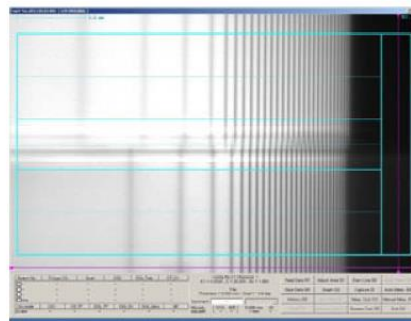
Chemical and thermal tempering is increasing the areas of glass application in most of industries.

The optical waveguide effect in the surface layer of tempered glass is a useful tool for measuring surface stress for quality and process control purpose.

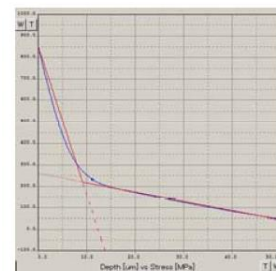
New Software FsmV



Single IOX *



Double IOX *



Section distribution *

Ex. Double IOX

*Cross sectional stress distribution

- o Measure the double ion exchange glass
- o Display of cross section stress distribution
- o Output measurement data

Optional devise for Standard / Premium

- o Measure glass thickness automatically using glass Thickness Meter
- o Measure surface stress in wide view using Wide Angle Camera
- o Auto dispenser FSM-DP01

Premium

- o Judge OK/NG
- o Continuous measurement using attached
- o One-touch switch

*Upgrade software to the latest version is available.

* Please refer for the details.

Specification

Range	: Stress 0-1000Mpa (Wide angle 0-1500MPa) Depth 10-100µm (Wide angle 10-150µm)
Accuracy	: ±20Mpa
Light source	: LED 595±10nm
Sample	: chemical tempered glass, thermal tempered glass
Sample size	: flat over 10×10mm
OS	: Windows 7
Software	: FsmV
Size	: 280×600×220mm(head), 360×102×410mm(PC), 250×400×400(monitor)
Weight	: 14kg(head), 7.9kg(PC), 3kg(monitor)

Software FsmV for FSM-6000LE

This software is installed in attached PC as special software for FSM-6000LE. We prepared two kinds of software, one is “Standard”, and another is “Premium”. These have more convenient function as compared to the older version.

Standard / Premium

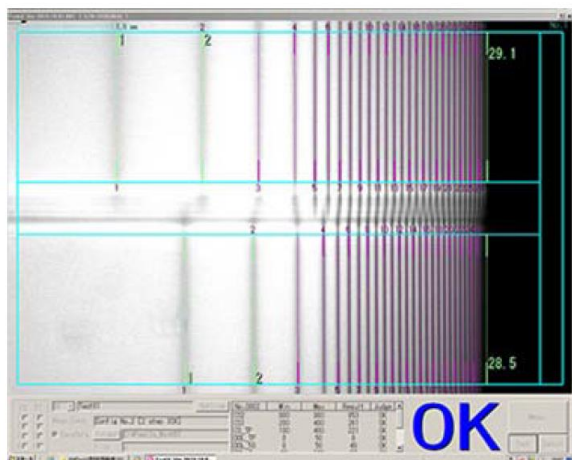
- Measure the double ion exchange glass.
- Display of cross section stress distribution.
- Measure glass thickness automatically using Glass Thickness Meter.

Premium

- Judge OK / NG
- Continuous measurement using attached One-touch switch



Sequence measurement
One-touch switch



Judgment screen (Full)



Judgment screen (Partial)



Dialog box of the condition inputting.

Function table

Function	Software FsmV	
	Standard	Premium
Judgment	x	○
One-touch switch	x	○
Single IOX (Normal) measurement	○	○
Double IOX measurement	○	○
Cross sectional stress distribution	○	○
Supported OS *1	Win7,Win8	Win7,Win8

*1 Win XP doesn't correspond.

The software may be updated without a notice.



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