

Surface Stress Meter

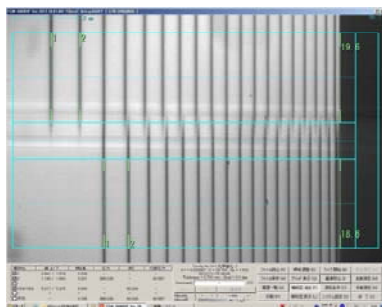
model: FSM-6000LE

Price: Standard JPY2,500,000
Premium JPY2,800,000

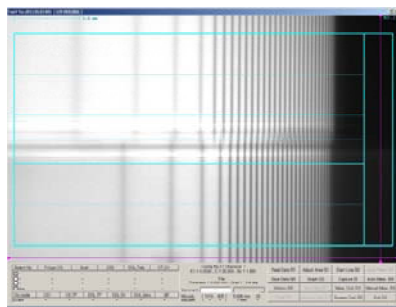
The FSM-6000LE series is developed for measuring the surface stress of glass using a PC.

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.

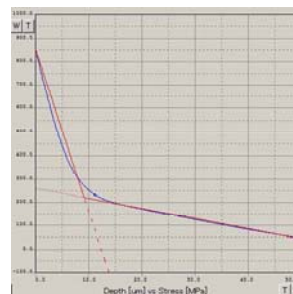


Single IOX *



Double IOX *

* ion exchange glass



Section distribution *

Ex. Double IOX

*Cross sectional stress distribution

- Output measurement data
 - Measure the double ion exchange glass
 - Display of cross section stress distribution
 - Able to choose from the two types of software (FsmV Standard or Premium)
- Please see the software catalogue for the details

Option

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

* Please see the each catalogue 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 10
- Software: FsmV Standard/Premium
- Size: 280*600*220mm (head), 290*93*292mm (PC), 512*52*304 (monitor)
- Weight: 14kg (head), 6kg (PC), 3kg (monitor)

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