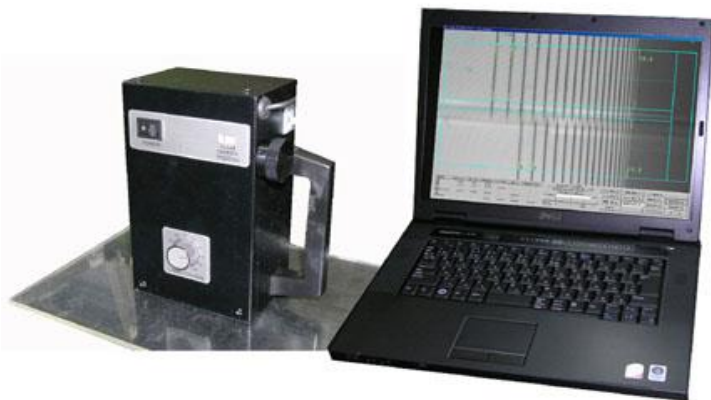


# SURFACE STRESS METER

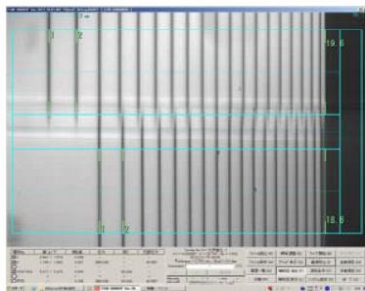
## FSM-7000H



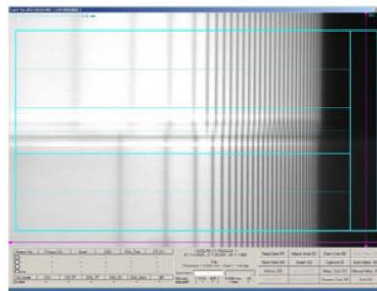
The FSM-7000H is developed for measuring the surface stress of glass using a PC. Tempering is increasing in the areas of glass application in most industries. The optical waveguide effect in the surface layer of tempered glass is a useful tool for measuring surface stress for quality and process control purposes.

- Automatic measurement.
- Built-in Camera
- No Battery USB powered
- Improvement of stability
- Small and light weight

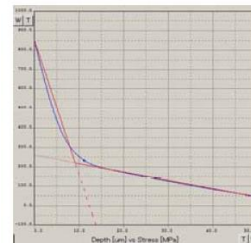
### New Software FsmV



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

### Specification

Range	:(Compressive stress)0-1000Mpa.(Depth of layer) 10-100 $\mu$ m
Accuracy	:(Stress) $\pm$ 20Mpa.(Depth) $\pm$ 5 $\mu$ m
Light source	:LED (590 $\pm$ 10nm)
Sample	:Chemical tempered glass (Thermal tempered glass)
Sample size	:flat over 100 $\times$ 100mm
Prism	:nd=1.72
Camera cable	:2m
PC	:Pre-installed PC and Software FsmV
OS	:Windows 10 professional edition
Size	:200 $\times$ 150 $\times$ 70mm (head) , 200 $\times$ 300 $\times$ 300mm (PC)
Weight	:1.5kg (head) , 2.0kg (PC)



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