

SURFACE STRESS METER

model: FSM-7000H

Price: JPY2,500,000

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.



- ❖ Built-in Camera
- ❖ No Battery USB powered
- ❖ Improvement of stability

Specification

Range : (Compressive stress) 0-1000Mpa. (Depth of layer) 10-100um
Accuracy : (Stress) ± 20 Mpa. (Depth) 5um
Light source : LED (590 \pm 10nm)
Sample : Chemical tempered glass (Single IOX & Double IOX),
Thermal tempered glass
Sample size : flat over 100 \times 100mm
Prism : nD=1.72
Camera cable : 2m
PC : Pre-installed PC and Software
OS : Windows 10 professional edition
Size : W150*D80*H180mm (head) , 350*240*30 (PC)
Weight : 1.5kg (head) , 2.0kg (PC)

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