

# 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)  $\pm 20$ 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 : 3m  
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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