

SURFACE STRESS METER

model: FSM-7000H

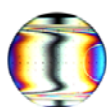
The FSM-7000H is developed for measuring the surface stress of glass using a PC. Tempering is increasing in the areas of glass application in most industries. The optical waveguide effect in the surface layer of tempered glass is a useful tool for measuring surface stress for quality and process control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



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

Specification

Range : CS 0-1000 Mpa. DOL 10-100 μ m
Precision : CS ± 5 MPa, DOL ± 3 μ m (For the standard glass)
Accuracy : CS ± 20 MPa, DOL ± 5 μ m (Accuracy of the standard glass)
Light source : LED (590 \pm 10nm)
Object : Chemical tempered glass (Single IOX & Double IOX),
Thermal tempered glass
Object size : flat over 100 \times 100 mm
Prism : nD=1.72
Camera cable : 2 m
PC : Pre-installed PC and Software
OS : Windows 10/11 64 bit
Size : W150*D80*H180 mm (head) , 350*240*30 mm (PC)
Weight : 1.5 kg (head) , 2.0 kg (PC)



ORIHARA
INDUSTRIAL CO., LTD

□ Manufacturer
Orihara Industrial Co., Ltd.
URL: <https://www.orihara-ss.co.jp/>