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.

**Surface Stress Meter**

**Model: FSM-6000LE**

**Price:** Standard JPY2,500,000

Premium JPY2,800,000

- **Range:** Stress 0-1000 Mpa (Wide angle 0-1500 Mpa)
- **Depth:** 10-100 μm (Wide angle 10-150 μm)
- **Accuracy:** ±20 Mpa
- **Light source:** LED 595±10nm
- **Sample:** Chemical tempered glass, thermal tempered glass
- **Sample size:** Flat over 10x10mm
- **OS:** Windows 10
- **Software:** FsmV Standard/Premium
- **Size:** 280*600*220 mm (head), 290*93*292 mm (PC), 512*52*304 (monitor)
- **Weight:** 14kg (head), 6kg (PC), 3kg (monitor)

**Option**

- 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

- **Single IOX** *
- **Double IOX** *
- **Section distribution** *
  - Ex. Double IOX
  - *Cross sectional stress distribution

- 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

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