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) 0-1000 MPa, (Depth of layer) 10-100 μm
- **Accuracy**: (Stress) ±20 MPa, (Depth) 5 μm
- **Light source**: LED (590±10 nm)
- **Sample**: Chemical tempered glass (Thermal tempered glass)
- **Sample size**: flat over 100×100 mm
- **Prism**: nd=1.72
- **Camera cable**: 3 m
- **PC**: Pre-installed PC and Software
- **OS**: Windows 7 professional edition
- **Size**: 200×150×70 mm (head), 200×300×300 mm (PC)
- **Weight**: 1.5 kg (head), 2.0 kg (PC)