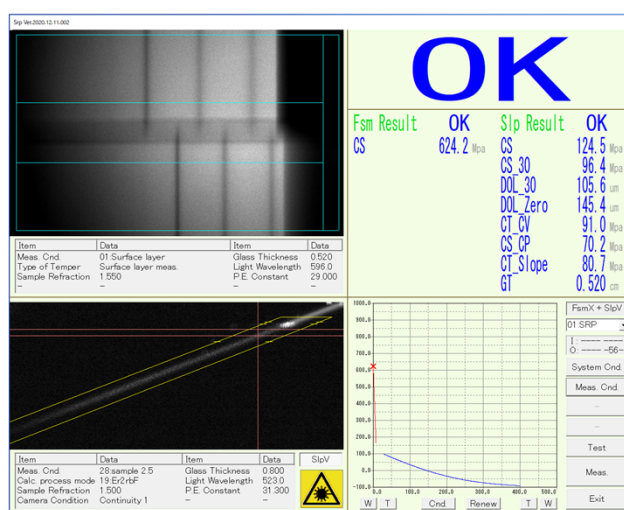


# Scattered and Refractive Polarimeter

**Model: SRP-1000**

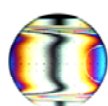
This machine is available to measure stress distribution of 2 step IOX glass ( $\text{Li}^+ \leftrightarrow \text{Na}^+$  and  $\text{K}^+ \leftrightarrow \text{Na}^+$ ) using optical waveguide effect and scattered light at the same time. It is useful for quality control because it judges OK/NG based on a criteria.

**3 Seconds Measurement**



## Specification

	SLP	FSM
Range (Stress)	0-2000MPa	0-1000MPa
Range (Depth)	10-600um	10-100um
Resolution (Stress)	5MPa	1MPa
Resolution (Depth)	5um	0.1um
Precision (Depth)	±10MPa (depth at 50um or deeper)	±5MPa
	±5um (depth at 50um or deeper)	±3um
For standard glass		
Light Source	LD (any one of 518/640nm)	LED (any one of 365/596/790nm)
Prism Refraction	1.518 @518nm	1.72 @589.3nm
COMMON		
Application	2 step IOX glass, Ceramic glass	
Object size	Flat, 100x20mm or more over	
PC	OS, Measurement software installed	
OS	Windows 10/11 64bit English/Japanese	
Size	W550*D440*H220mm (main body)	
Weight	20kg (main body)	



**ORIHARA**  
INDUSTRIAL CO.,LTD

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