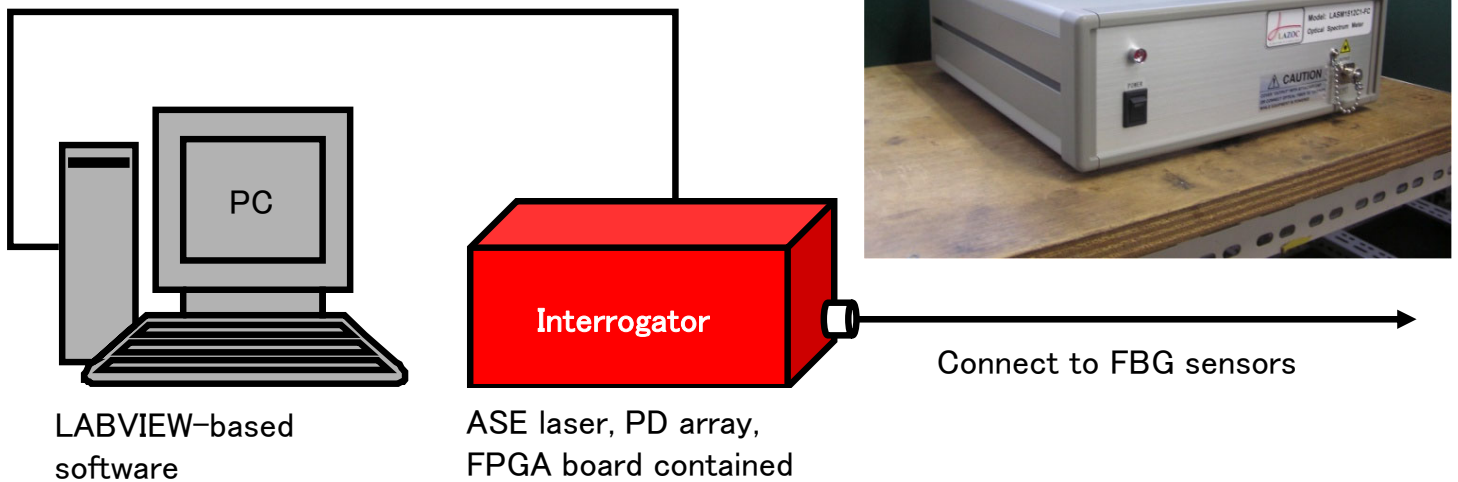


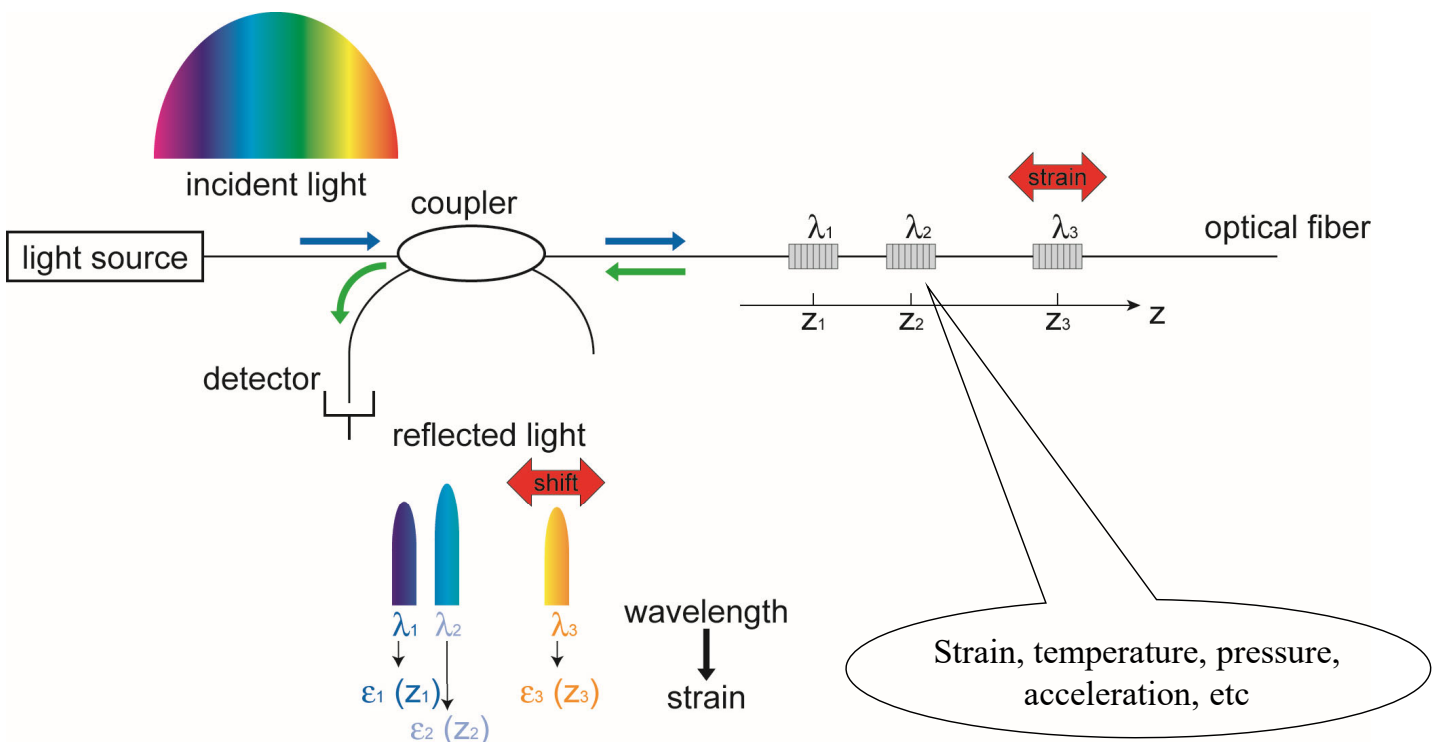


FBG Interrogator / WDM method

Economical and robust sensing by several FBG sensors



WDM method to interrogate multi point FBG sensors



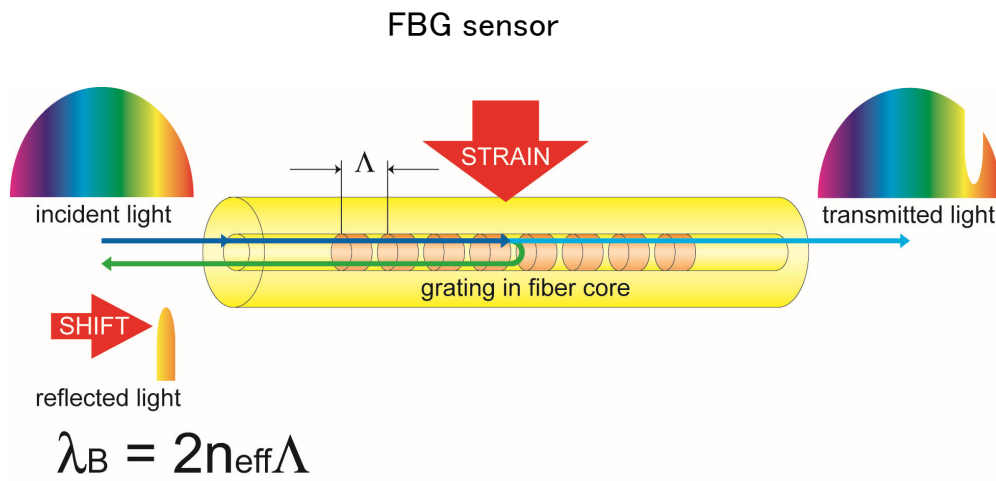
Specification

Resolution	1pm ($\doteq 1 \mu \varepsilon$, 0.1 deg C.)
Repeatability	10pm (2σ)
Laser Power	>+13dBm (>20mW, typical)
Wavelength	65nm (1530–1595nm, typical)
Sampling	>100Hz
Temperature	0 to 60 deg. C.
Humidity	5 to 85%RH (No condensing)

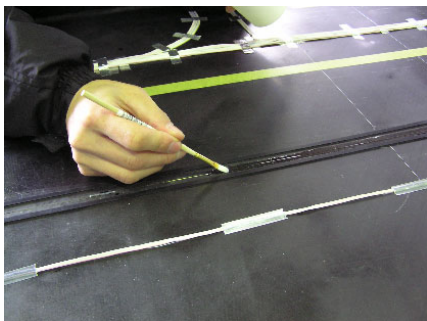
* 1 Number of sensor depends on how wide range big each sensor needs.

* 2 Please inquire sensor specification.

* 3 We may change specification without prior notice.



FBG sensors (sample)



Strain



Temperature

Optical cable



■ Above is PVC covered $\phi 10\text{mm} / 8$ fibers

■ PE and SUS covered cable is also available.

■ We design sensors in accordance with customers request.