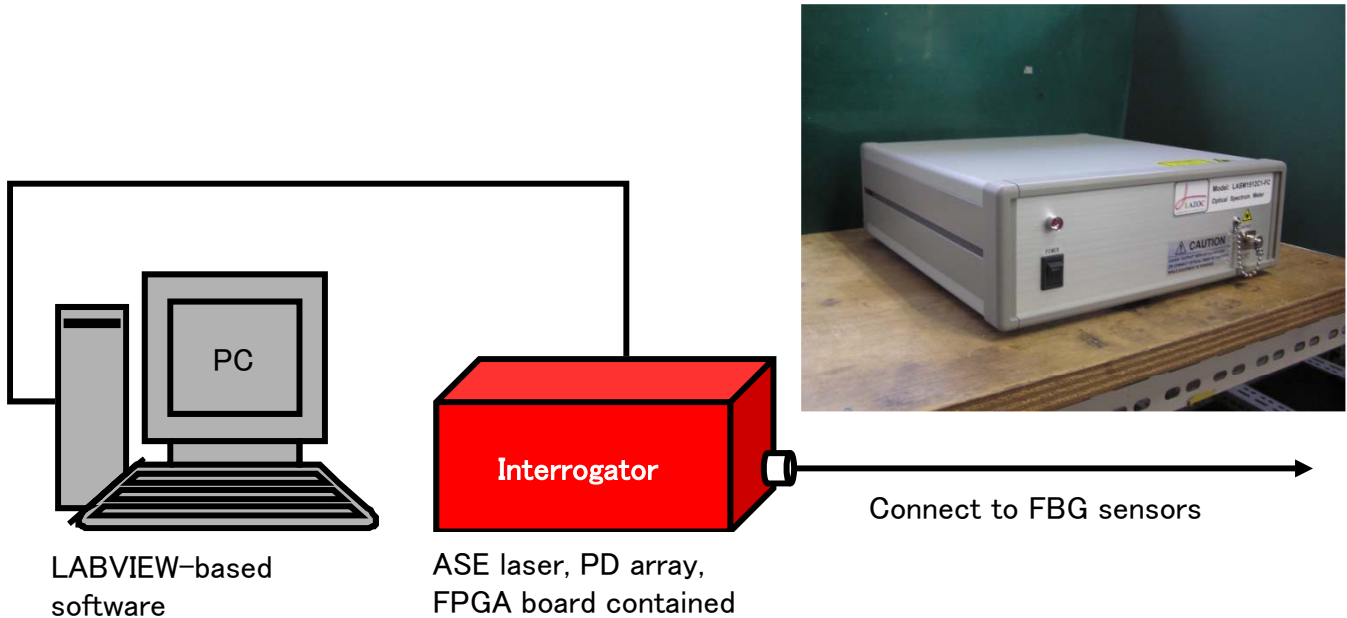
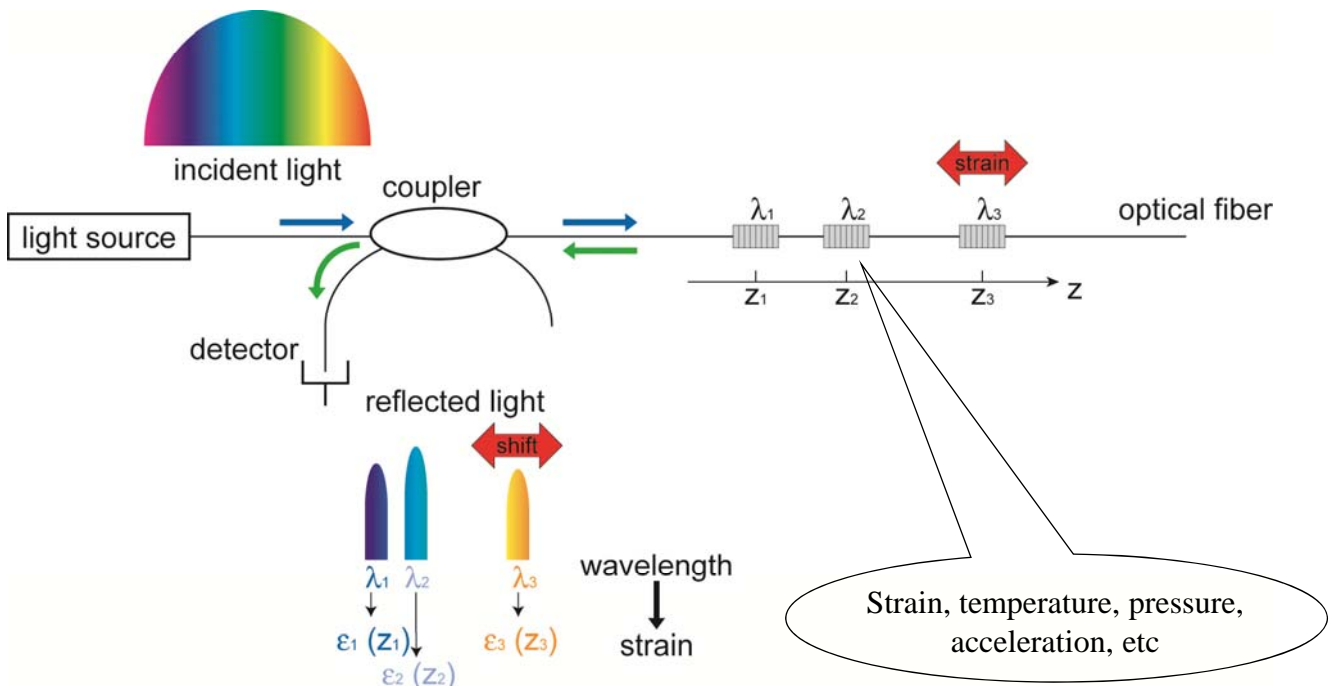


FBG Interrogator / WDM method

Economical and robust sensing by several FBG sensors



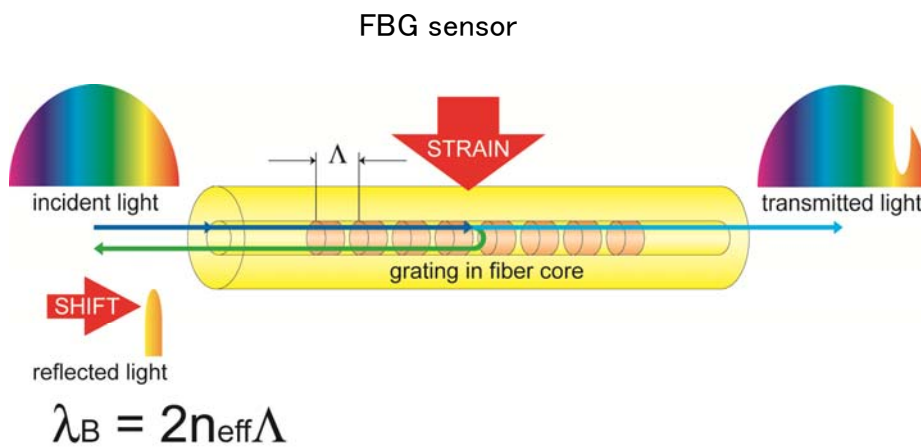
WDM method to interrogate multi point FBG sensors



Specification

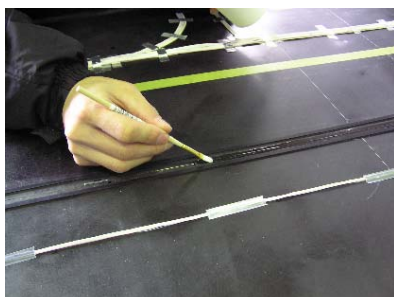
Resolution	1pm ($\cong 1 \mu \epsilon$, 0.1 deg C.)
Repeatability	10pm (2σ)
Laser Power	>+13dBm (>20mW, typical)
Wavelength	65nm (1530–1595nm, typical)
Sampling	>100Hz
Temperature	0 to 60 deg. C.
Humidity	5 to 85%RH (No condensing)

- * 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)

Optical cable



Strain



Temperature



■ Above is PVC covered
 ϕ 10mm / 8 fibers

■ PE and SUS covered cable is also available.

■ We design sensors in accordance with customers request.