

Easy SPR

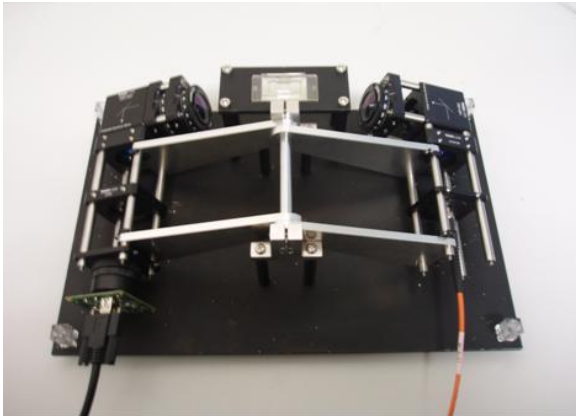
Surface plasmon resonance Optics unit

■ Overview

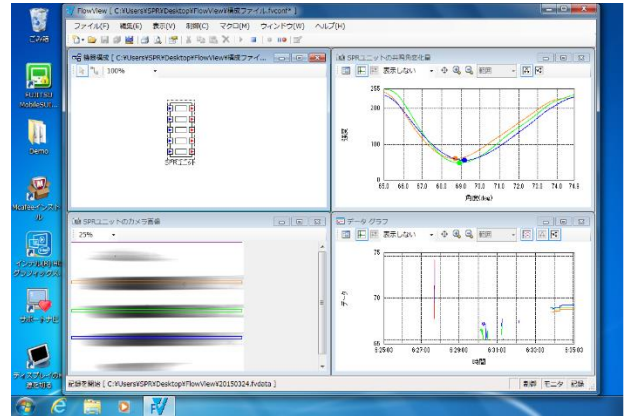
This surface plasmon resonance optics unit can coordinate incidence, a reflection angle of the light to a prism optionally. So we can easily confirm this surface plasmon phenomenon.

By exclusive software a surface plasmon resonance curve pass, and the indication of the time change is possible. The measurement data is recorded as a CSV file to any folder, and it is possible to analyze by a commercial spreadsheet.

■ Substance of optics unit



■ Program screen



■ Specification

Incidence angles	50° ~75°
Light source	WL. 670nm LED
Prism	Semicylinder BK7 or Integrated sensor made by resin
Number of Channels	5ch (Standard, MAX10ch)
Weight	2.5kg
Dimension	W300 × D200 × H100 mm
Power supply	PC USB and DC9V BATT

PROGRAM FUNCTION

Setting of various measurement condition

[number of the channels, the area of measure, camera light requirement, record file name]

- Observation of the surface plasmon resonance curve
- calculate a resonance corner

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