

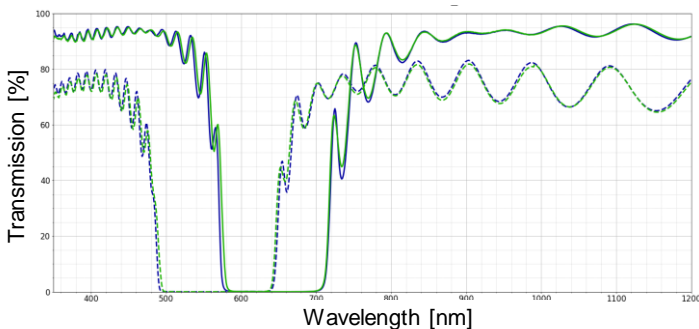
SPECTROMETER

PHOTOSPECTROMETER

Universal Scanning Photospectrometer

Our Photospectrometer allows transmission and reflection measurements of planar optical component over a wide wavelength range from UV to MIR. Automated sample rotation allows to measure at various angles and with the motorized XY stage we can map the spectral performance over a large area of the optical component.

To also allow the measurement of temperature induced photo spectral shift, we further equipped the sample holder with an active heater.



Transmission photospectra at two different angles of two high-reflective mirrors



Wavelength range

185 nm – 3500 nm
Sampling pitch: 0.25 nm

Angle range

Transmission : 0° – 75°
Reflection: 8° – 75°

Sample size

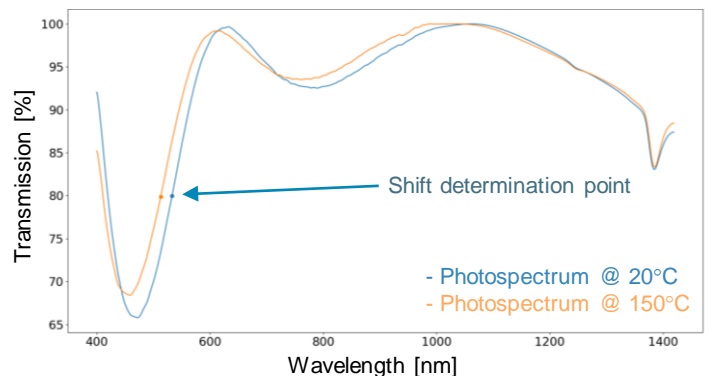
Ø5 mm – Ø100 mm for
standard sample stage

Temperature range

Room temperature – 150°C

XY stage range

25 mm in each direction



Example of temperature induced photo spectral shift measurement

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