



OPTREL GBR

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SPR FLOW CELL

The SPR flow cell is custom made for the Multiskop and optimized for the adsorption measurements. The cell utilizes the Kretschman configuration (excitation of surface plasmona via a prism). The design of prism clamp maximizes the accessible angle range of the reflection scans and ensures that the beam is not chopped off.

Cell and cover are made of a special aluminium alloy with a black anodised surface. Cell and cover can be hooked up to a laboratory thermostat for a reproducible temperature within the cell.

The cell has a inlet and outlet which should be hooked up to a peristaltic pump containing your solution of interest.

Please note: Adsorption measurement require special prism with a high refractive index such as LASF9 ($n=1.84$). Prism, thermostat or peristaltic pumps are not part of this offer.



