

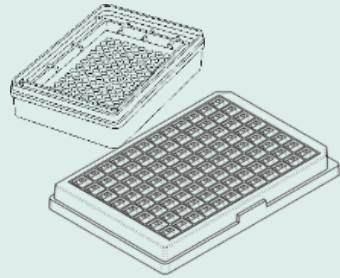
SpectroQ The first DLS/Imaging-Plate Hotel



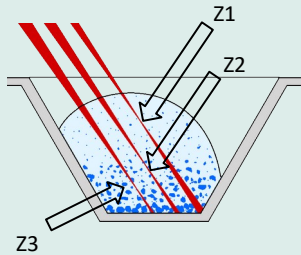
The SpectroQ combines for the first time the rational analysis of sample quality by Dynamic Light Scattering (DLS) with the identification of your crystals. The system offers unmatched versatility by combining various hotel sizes with a fully automated workflow for DLS and bright light and UV imaging.

**Aggregation State Analysis – Stability Analysis –
Temperature Stability Check - Crystal Imaging - UV
Automated Mode – Manual Mode – Unmatched
Versatility**

Key features of SpectroQ and SpectroLight 600



Utilisation of Standard Plates



Measurement at different positions Z1,Z2,Z3

Standard sample containers

(like SBS plates, capillaries or smaller plates) no cuvettes, no special consumables, no cleaning

Plate Hotel

Available with various plate capacities and temperature regulated interior

Minimal sample volume – 50 nl

Use an aliquot of your sample for quality check. Arbitrary choice of the sample volume down to 50 nl

3D positioning within the sample

Measure in different heights or xy to access inhomogeneous samples

Automated condition screening (pH, detergents, buffer)

More insights in well-being of your sample with only 9.6 μ l or less for a full plate with 96 conditions. Plates can be repeatedly used to continue measurements even over several weeks

Fast bright light and UV-Imaging

Fully fledged fast imaging system with various illumination capabilities

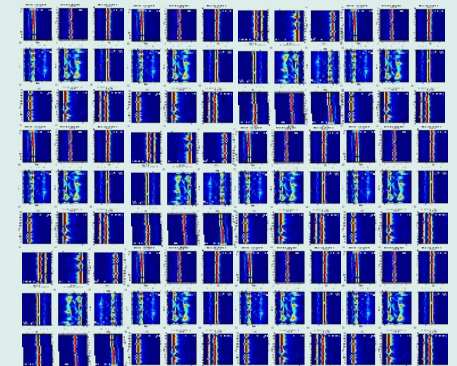
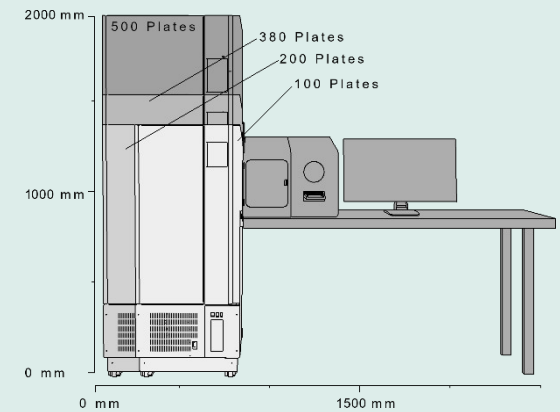


Bright light

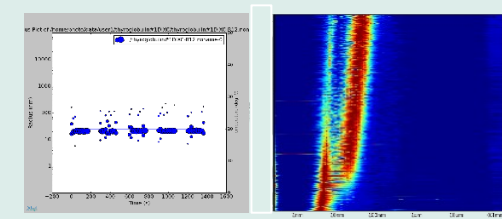
UV imaging

It's simply fun to measure!

SpectroQ



Screening of 96 conditions



160 h of interval and continuous series of *in situ* DLS measurements