Below are the specifications for the BioSAXS^{nano} protein small angle scattering X-ray system from Rigaku.

- Incident Beam: OptiSAXS CMF focusing optic
- Collimation: 2D Kratky (X stage and tilt, motorized)
- Beam size at Sample: Variable Width x 1.5 mm²
- Sample Stage: 3 capillaries (X, Y stage, motorized) with a flow cell option
- Sample Volume: 20 – 30 µL
- Sample Temperature Control
- Beam Stop: PIN diode detector (motorized)
- q-range: 0.006 $Å^{-1}$ - 0.6 $Å^{-1}$
- Detector: Rigaku HyPix-3000 Hybrid Pixel Array Detector (pixel size: 100 µm, active area: 77.5 mm X 30.5 mm)