Port 051 – SS Seya

This beamline is SRC owned. Updated April 2008

Beamline

Stainless Steel Seya
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Manager

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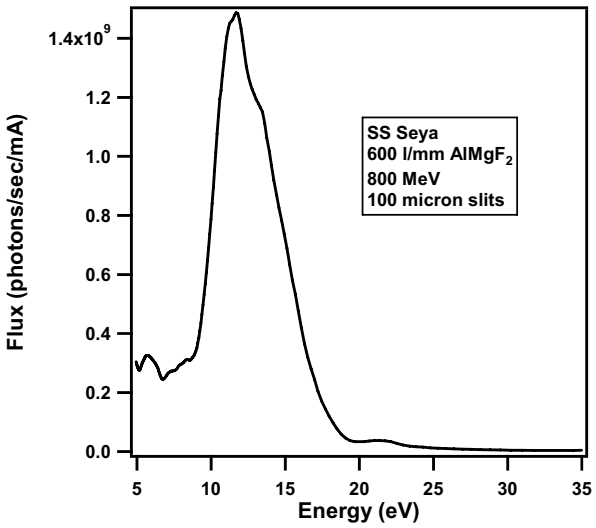

Technical

Energy Range	5 – 35 eV
Flux	For slits < 0.15 mm the flux scales ~ linearly with exit and with entrance slits. For slits > 0.15 mm the flux scales ~linearly with exit slit only.
Gratings	600 l/mm $AlMgF_2$ 1200 l/mm $AlMgF_2$ 1200 l/mm Au (not interchangeable in vacuum)
Bandpass	Bandpass for slits >0.04 mm is $\Delta\lambda$ (Δ) ≈ 9 *slits(mm)
Focused Spot	Position is 876 mm beyond the exit flange; 1317 mm above floor. Size (horizontal x vertical) is 2 mm x 1 mm (with 100 μm exit slit)
Automation	SRC control and data acquisition program.
Computer Interface	RS 232 port slave mode or inputs for pulse/direction.