

Port 041 – U2 VLS-PGM

This beamline is SRC owned.

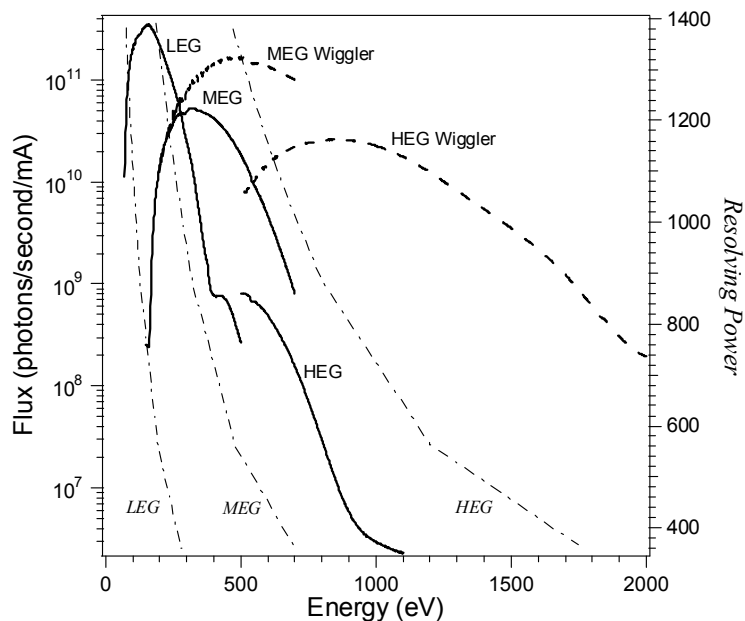
Current as of June 2012

Beamline

U2 Varied Line Space Plane
Grating Monochromator
608-877-2048

Manager

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Technical

Energy Range	70 – 2000 eV
Flux	See graph above for slit = 0.05 mm (solid lines).
Resolving power	See graph above for slit = 0.05 mm (dashed lines).
Focused Spot	Spot position is 541 mm from exit valve flange and 1214 mm above floor. Beam slopes 3° downward Spot size (horizontal x vertical) is ½ exit aperture x ½ exit slit
Automation	SRC control and data acquisition program, slits, grating exchange.
Computer Interface	RS 232 port slave mode.
Special Feature(s)	U2 permanent magnet undulator source.