

Port 091 – U9 VLS-PGM

This beamline is SRC owned.

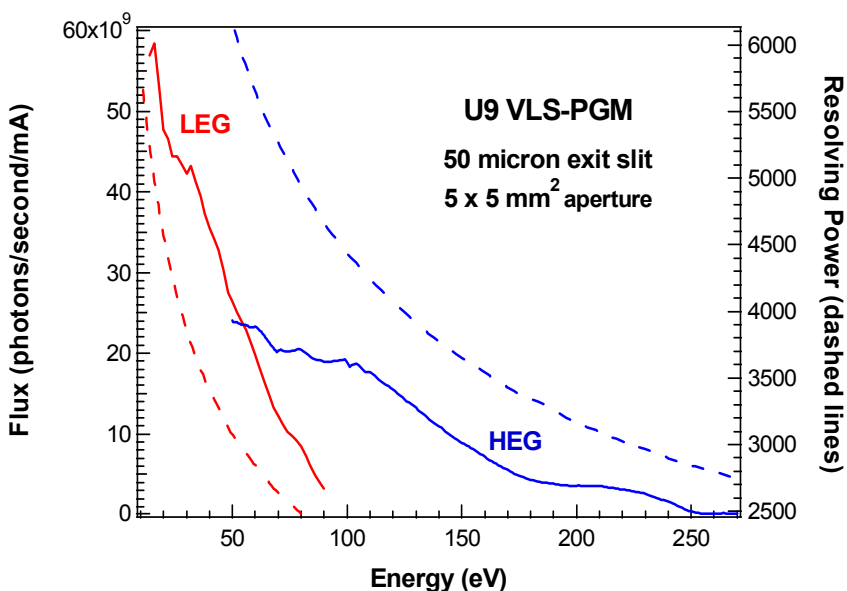
Current as of June 2012

Beamline

U9 Varied Line Space Plane
Grating Monochromator
608-877-2091

Manager

Mary Severson
608-877-2140
mseverson@src.wisc.edu



Technical

Energy Range	11.1 – 270 eV
Flux slit = 0.05 mm	See graph above.
Resolving power slit = 0.05 mm	See graph above.
Focused Spot Position	785.75 mm from the downstream face of the reducing tube following the exit valve. 1205 mm above the floor
Size (horizontal x vertical)	400 microns (Horz.) by the exit slit divided by 1.8 (Vert.)
Automation	SRC control and data acquisition program, slit, grating exchange.
Computer Interface	RS 232 port slave mode.
Special Feature(s)	U9 1 meter Apple undulator with Horizontal, Vertical, and Left and Right Circular Polarized Light. * Note * U9 operation is not routinely available during 1 GeV beams.