

UITF – keV beamline software controls

- Vacuum, UHV supplies
- Viewers
- Video and switcher
- Valves
- Magnets
- Current monitoring (Pcup, FCup1, A3, A4, Master Slit, dump)
- PCup and FCup1 pneumatic insertion, readback
- Master slit stepper motor controls stac5
- Harp
- Gun HV control, voltage and current readback
- DecaRad
- RF amplitude and phase control (laser, choppers, buncher)
- BPMs
- Brock Cavity (fast scope + time of arrival chassis)
- SCAM
- Laser related
 - Seed laser
 - Fiber Amp
 - Power meter at vacuum window
 - Power meter for pickoff, realtime QE measurement?
 - Attenuator (stac5)
 - X/Y stepper motor for steering lens (stac5)
 - CCD camera
 - QE scan program
 - How will we align light into fiber and know we've done a good job from inside laser room?