Turn ON FR-X

Turn in-house FR-X ON

Technical Room E0044

Turn the tap on the main water inlet to the ON position.

Switch ON the water chiller (HASKRIS) using the main switch only. Wait until the temperature is stabilized at 17°C.

Switch ON the nitrogen compressor at the back, then start the nitrogen flow with the touch panel. After a 3 min idle wait, the pump should stabilize in 30 min. Wait for 1 h.

FR-X

Switch ON the two fans of AFC-11.

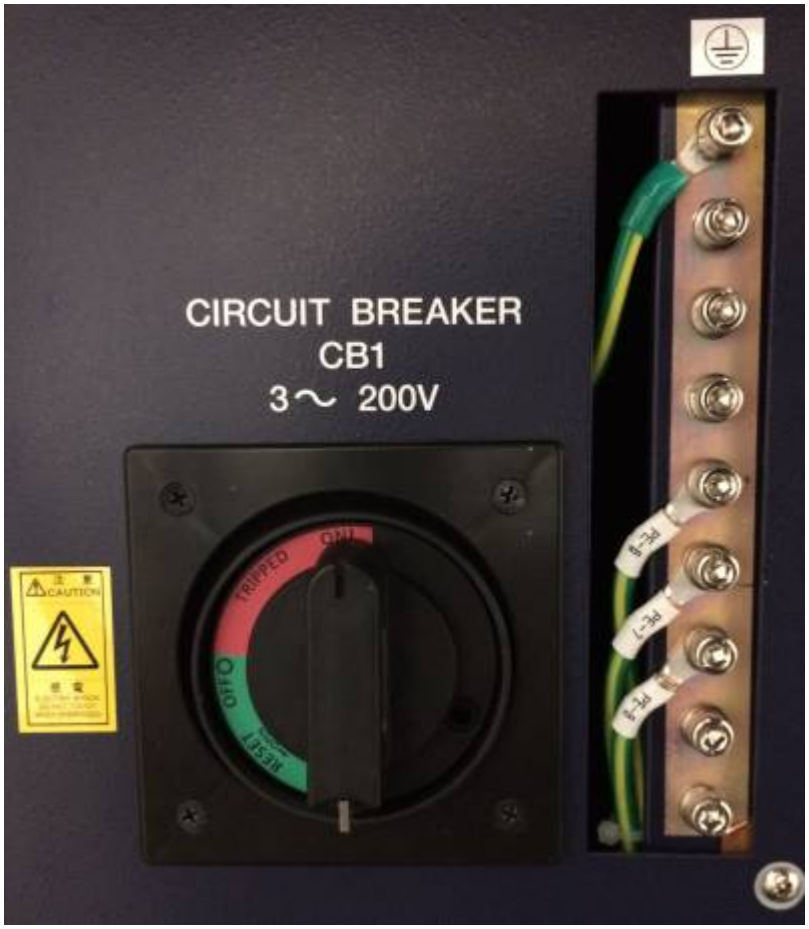
Switch ON AFC-11 Goniometer controller.

Switch ON the vacuum pump below the Cobra Controller.

Switch ON the vacuum pump below the BioSAXS.

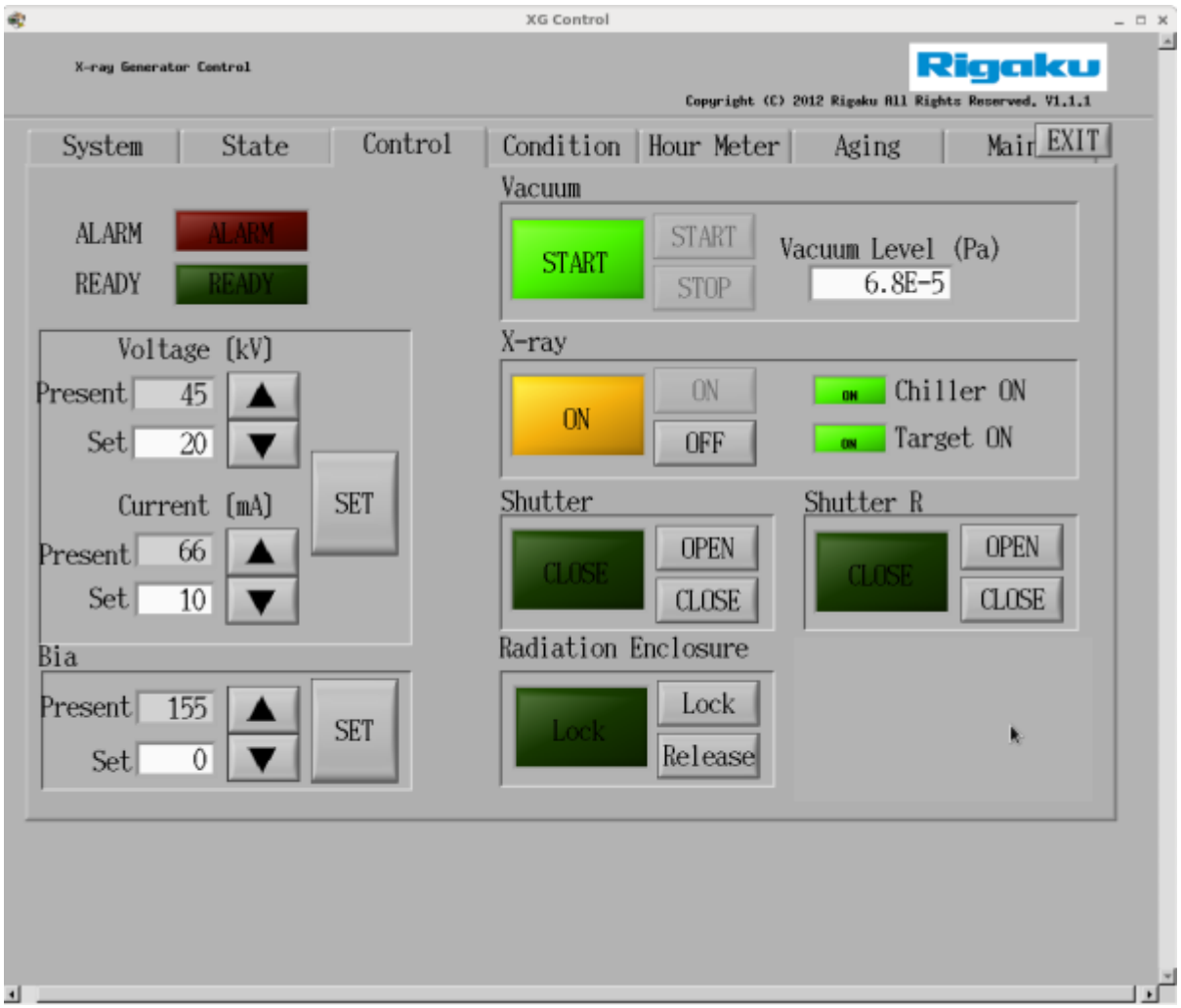
Switch ON the transformer.

Reset and then switch ON the generator at the back.



POWER ON on the front main panel. Press both DOOR LOCK buttons.

Start the Vacuum on the XG Control panel. Wait until vacuum is below 1.10E-4 (about 1h30).



Turn X-Rays ON on the XG Control panel. Wait 1-2h if it was down for a few hours (heating will generate gaz that may disrupt the vacuum if the level is not low enough). Wait overnight if it was down for a few weeks.

Start the AGING procedure. Short aging lasts 31 min, long aging lasts 6h. Wait 1h30 for the beam to stabilize before data collection.

Cryostream

Switch ON the helium compressor.

Switch ON on the back of the device.

Cycle Start/Start For the first hour the temperature won't really decrease much. Final temperature should be around 100 K.

Detector

Switch ON the EIGER water chiller.

Switch ON the power supply for the EIGER.

Switch ON the framegrabber.