

On Computer

**Sample Removal:**

On computer, top bar:

Sample -> Remove

On SQUID:

Lower the black knob, twist, such that it connects to the black wire that is attached to the sample plate.

Pull the knob + wire up.

Close sample chamber (turn the black knob to close)

Pull sample tube out, and swap with the cap (make sure SQUID will not be contaminated)

Swap samples on the sample plate.

Optional on computer:

Sample -> Remove vent

**Sample loading:**

On SQUID:

Swap sample tube with cap.

Purge 3 times.

Open sample chamber, and purge again.

Lower the sample, turn the black knob to release the sample.

On computer:

Sample -> Finished

Input sample descriptions.

**Centering:** (for small samples)

Set field: set field to 10,000 -> no overshoot, HiRes

RSO centering:

Parameter -> 6cm

Initialize transport

Center

Adjust position -> auto adjust (want center to be 3cm)

Parameter -> 3cm

Adjust position -> auto adjust (until the center is at 1.5cm, at least < 1.55cm)

Close

If not successful, lower temperature to base, and try again.

Set Temperature -> 100K with -3K/min

Run sequence: any Degauss.