

## Studio Monitor Setup

- Studio monitors should ensure Jewelry fans are on
- turn on both fan switches in the lab
- make sure there is a window or door open in the outer studio
- ensure user operations are performed safely.

## Powering Up

- turn on only 1 laser
- launch the XCS application and connect it to the laser (top right panel)
- click the gear icon and make sure that **all** safeties are enabled
  - if you want to operate without lid safety enabled consult with the Studio Monitor to make sure that safe operation can be maintained. Do NOT just turn it off!
- open Settings (top left) and in Device Settings perform the **Z Homing** action

## Job Preparation in XCS

- select your material and place securely on the bed
- use AutoMeasure to focus the laser
- Confirm your material settings (run a Material Test Grid to determine)
  - this includes making sure you have the correct laser type selected...
- Check job on material location
  - use Framing/Stop Framing (bottom right panel)
  - or use Preview (camera icon, top right button)

## Job Start

- Make sure the lid is closed
- select **Process** button on lower right to preview the job
- examine the preview and make sure output matches your expectations
- select **Start** at top right to send the job to the laser controller
- when the laser controller says "ready" press the wide green button at the bottom to start the laser
- stay with the laser while operating
- it will beep and obviously stop when done
- open the lid and examine the work piece w/o moving it
- if it needs another pass, close the lid and double-click the laser controller button

## Powering Down

- Save your work if you want to keep it
- quit XCS
- turn off the laser
- turn off the fans