

Micromax-007 Power Up Procedure

If the generator is down (no red light on the top of the shutter boxes) it could be a bulb burned out or there was a power glitch or failure or a problem with the chilled water. To start up the generator:

1. Check to see if there is a message on the front panel and make a note of what it says, if you have access to the back of the machine, look at the alarm indicator lights and record which is lit. Upon power problems, the water flow indicator will be lit because the bypass is engaged.
2. First try to start the machine up again. If this doesn't work, open the front panel and press the red square button of power off, wait 1 minute and press the green square button for power on. Then continue to 3.
3. On the vacuum control panel press the start button.
4. Wait 10 mins for vacuum to come down to 200 as observed by toggle the menu button and the cursor to move to IG position and then enter to have it display the IG reading. You will hear the TMP whine and then get quieter as it gets faster than a frequency we can hear. You will then have an operate led lit. This will come on quickly if the machine hasn't been down very long and you won't hear the TMP.
5. Press green power on button on front panel. It will give a short beep. You will then get a ready message.
6. Press the grey X-rays on button, you won't hear the target rotating (there is no belt) and the power should start coming up on its own to 10/10.
7. No go to right computer and you can send it to power up with one command.. Open the program called Xray control and go to Instrument and then XG Script tool. Choose the script file that says: MM007HFCuRampUp. Press run. It will take about ½ hour.
8. If you can't run it from the computer you can bring up the power by incrementing every minute on the voltage until it reaches 40 kV, then increment every minute on the amps until 30 mAmps.
9. If it fails to come up then check the chiller on left side of enclosure to see if the water level indicator is lit. It should be. Check to see that there is actually flow on the front of the chiller and pressure on the gauges in the back on the chiller (if you can see it) and that the temp is around 80C.