

Humidity Chamber (Main LAB)

Equipment Operation

1. Tightly latch the door located at the front of the humidity chamber.
2. Switch ON the chamber by pressing both the switches at the wall socket (Compressor, Fan, and Light).
3. Switch on the heater inside the humidity chamber.
4. Set the required chamber temperature and humidity in the outside controller (already set in case of our lab humidity chamber). The temperature of the chamber should be between 25° C to 35° C. (The Fan should be always kept ON above -25°C)
5. The humidity will go down to required value (<20% in case of perovskite coating) after a few hours (3-4 hours) of chamber running.
6. Carefully monitor the humidity and temperature decrease within the chamber through the outside placed controller in Temp and RH% section.
7. Humidity chamber can be used after the desired humidity and temperature achieved.

In case of emergency

Immediately switch down the MCB located on the top right corner of the chamber (back side) in case of any emergency.

Also switch off all the components immediately on the main wall socket.