**Standard** **Operation Procedure for**

**Ultrasonic Cleaner (UC)**

**Purpose: To clean beakers or other glass apparatus by vibrating it on application of high frequency**

Limitation

1. Do not operate continuously for more than 99 minutes
2. Take a 35 min break after using for 99 minutes
3. Maximum temperature can be reached
4. If any warning symbol, comes on display then switch off the device and check the water level inside the ultrasonic cleaner

Procedure

1. Fill the cleaning basket with DI water approx. 1 inch from the base
2. Put the beaker (to be cleaned) inside the UC, and switch on the main power
3. Repeatedly pressing the set button will select different parameters (like temperature, time, power), using the **UP ARROW** or **DOWN ARROW** button will increase or decrease the parameter values respectively.
4. If required, heating can be done, by switching on the **HEATING ON/OFF** button on the device, before switching make sure to set the temperature
5. Switch on the UC by clicking on **ULTRASONIC ON/OFF** button, once all the parameter is set
6. Once the UC is ON, press the **SWEEP/UP** button to start the sweep function, it will change the frequency by +/- kHz
7. For another mode of sweep function, press **SWEEP/DOWN** button, it will create discontinuous application of frequency, iz. It will start and stop the frequency periodically
8. Once the cleaning procedure is completed, open the knob of the drainage valve to empty the used DI water inside the cleaning basket