


STANDARD OPERATING PROCEDURE OF ULTRASONIC PROCESSOR

 BLDEA'S Shri Sanganabasava Mahaswamiji College of Pharmacy & Research Centre Vijayapur 586103	DEPARTMENT: PHARMACEUTICS	SOP NO: Company Name: Spectra Lab Model No: DP 120 Procured on: 2006
	AREA: PHARMACEUTICS LAB	PAGE NO: 1 -2
	SUBJECT: SOP FOR ULTRASONIC PROCESSOR	EFFECTIVE DATE: 25/2/2022
		REVIEW PERIOD: 25/2/2023

Purpose:

To provide a procedure for the operating of Ultrasonic Processor apparatus

Scope:

Applicable to operation of Ultrasonic Processor apparatus

References:

Instrument Manual

Safety Issues and Precautions:

- Were Head cap, Mask, Hand gloves and other safety requirements during the performance of stated activity
- Please make the entry of Usage with require details in the Instrument log book
- Handle the Instrument properly with care
- After using the apparatus please clean the instrument and accessories and keep it clean
- Do not run dry. The ultrasonic device must be immersed to dissipate the energy and ensure the smooth operation of the transducers.

Procedure:

- 1) Ensure that the area and instrument are clean
- 2) Fill the purified water in bath on the optimum level
- 3) Switch ON the main power supply and press POWER button to ON
- 4) Slowly keep the lower tray into the bath
- 5) Select the SONIC by MODE button and control the strength of sonic
- 6) Select TIME by MODE button and set the operating time by UP/DOWN button
- 7) Select TEMPERATURE by MODE button and set the temperature by UP/DOWN button
- 8) After feeding all parameters push the START/STOP button to start cleaning
- 9) When the material are removed from the sonicator press START/STOP button and POWER button

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