

 <p>BLDEA'S Shri Sanganabasava Mahaswamiji College of Pharmacy & Research Centre Vijayapur 586103</p>	DEPT: PHARMACEUTICAL CHEMISTRY	SOP NO.: BCP/PC/SOP/009
	INSTRUMENT: ICE FLAKE MACHINE	PAGE NO.: 01-02
	MAKE: Innova MODEL: B-16 PROCURED ON: 07-11-2020	EFFECTIVE DATE: 01/01/2022
	SUBJECT: SOP FOR ICE FLAKE MACHINE	REVIEW PERIOD: 31/12/2022

Objective:

The following document describes the standard operating procedure for Ice-flake machine.

Scope:

Ice flakes machine used for preparing ice flakes needed during recrystallization of products at cold temperature.

Construction:

S. S bin of 304 quality for collection of Ice & the outer is made of CRCA non-contaminant epoxy powder coated, it rests on heavy angular frame structure. These units are fully automatic S.S. bin of 304 quality for collection of ICE & the outer is also made of stainless steel 304 grade, it reset on heavy angular frame structure and hygienic sealed water system make this ice machine perfect for installation in factory Environments where people may be working around the machine.

Working:

It is a direct drive mechanism system which delivers Ice flakes faster. Insulated bin keeps the Ice for longer period. A door is provided on the top of the bin for easy removal of Ice. there is a auto cut off system, when the bin is full of Ice it cuts off the refrigeration systems & re-starts when the level comes down. Additional safety thermostat for controller. It can be supplied with water filler & water failure protection device, the system will get cut off when the water supply fails & get started automatically when the water supply is resumed. Also available GMP Models /Complete S. S Unit

ICE Type:

Our machine can produce three types of ice including

(a) Flake ice for fish industry, cooling down blood and organs etc.

(b) Nugget ice for display purpose and Cube ice, idea for serving drinks. It can be supplied with water supply fails & get started automatically when the water supply is resumed. GMP Models / Complete S.S. Unit. Suitable RO water purification when the iron remover & water softener to be installed.

Refrigeration system:

Efficient cooling system with hermetically sealed compressors & CFC Free refrigerant, complete with air cooled condenser & fan motor. It is a self-contained Ice producer with a well-insulated Ice storage bin of various capacities/Attachments area.

	PREPARED BY	CHECKED BY	APPROVED BY
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