

CRYO BATH ACB-12



An ISO 9001:2015 & CE Certified Company

Frozen plasma products must be thawed at 37°C if they are thawed at 4°C cryo-precipitate will form. FFP thawed in a water bath must be protected from contamination. This can be accomplished by positioning the container upright, with entry ports above the water level.

SALIENT FEATURES:

- Integrated system- A compressor, heater and pumping system ensures temperature maintenance at set point.
- Uniform and optimum thawing – A high capacity pump facilitates the optimum and uniform thawing of plasma.
- Competitive bag capacity – The capacity of 12 plasma bags in one cycle makes the cryo bath suitable for large blood banks.
- Maintaining accurate temperature - A microprocessor-based controller allows for the precise monitor and control of temperature at 4°C.
- Prevents contamination - A tray with individual compartments ensures that the ports of bags are kept above water level during the procedure.
- Easy to transport - Mounted on four castor wheels.



BRITISH SOCIETY FOR HEMATOLOGY

“For a better yield allow the plasma to thaw at 1°C by placing the bag in a 4°C shaking Water bath.”

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About Us

Arnav Scientific Equipment is a Manufacturer of the Blood Bank Processing Equipment, Blood Bank Storage Equipment, Blood Bank Collection Equipment. We are manufacturing these products using premium grade raw material that is procured from the authentic vendors of the market. We offer these products at reasonable rates and deliver these within the promised time-frame.

📍 Corp Off.: Gala No. 19, Lusi Industrial Estate,
Behind Hyundai Showroom, Waliv Phata, Sativali Rd.,
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Particulars	CRYO BACH ACB-12
Input Power Supply	230 +/- 10% V,50Hz,6A Single Phase AC
Power Consumption	1600W
Operating Temperature	3.7°C to 4.3°C
Programmable Temperature Range of Controller	4°C to 60°C
Timer Setting Range	0.4 Hrs
Alarms	High Temperature (audible & visual), Low Temperature (audible & visual) Timer end (audible & visual)
Display	4x7 Segment LED (Red)
Display Resolution	0.1°C
Temp. Controller	Microprocessor Based Digital Controller
Capacity (in terms of Bags)	12 Regular fresh Frozen Plasma Filled Bags
Voltage Stabilizer	2KVA External Stabilizer (Optional)
Mechanism For Thawing	Pumping mechanism by high capacity imported pump and maintenance of temperature by heater & Compressor . cooling coils routed in a way to transfer maximum cooling. Filter near water into inside tank prevents clogging and movement of dust in to the pump.
External Dimensions (W x D x H) mm	850x475x795(with castor wheel)
Inner tank	Stainless Steel
Castor wheels	Lockable type-2nos : non lockable type-2nos
Temperature Sensing Method	Sealed sensor Dipped directly in the water.
Approx. weight (Kg)	60 Kg
Manufacturing Standard	ISO 9001:2008, EN ISO 13485:2016
Standards and approval	CE

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