



As per the FDA rules & guidelines the plasma either Deep Frozen or at  $-30^{\circ}\text{C}$  is required to thaw at  $+4^{\circ}\text{C}$  as quick as possible. The process is essential to improve the yield over the conventional method of conduction & convection of air.

### Main Features:

The cryo precipitate bath in the extension of extensive range of Polfrostat cryostats which has almost 28 models ranging from 5 litres to 50 litres of volume & temperature range of  $+200^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . (Details available on request)

### Construction :

Inside a stainless steel chamber with refrigeration & counter flow heating of hot gas in the chamber equipped with solenoids for cooling & heating to control the temperature of the bath precisely at  $+4^{\circ}\text{C}$ ; outside CRC Powder coated body & the whole unit mounted on castor wheels for easy movement as the user-friendly features; a strong circulating pump/agitator for even distribution of temperature & fast removal of heat from plasma.

### Special Features:

- 5/10/15 Plasma Bags Holder.
- PID controller with PT-100 Sensor.
- Strong circulating & agitation.
- Cooling & heating with precise temperature control.
- Drain-port for bath liquid.

### Technical Data :

Model	: CRYOBATH PT - 045
Temperature range	: $+4^{\circ}\text{C}$
Temperature accuracy	: $\pm 1^{\circ}\text{C}$
Bath capacity	: 22L
Bath opening	: 400 x 250 mm
Refrigeration	: CFC free hermetically sealed system
Condenser	: Air-Cooled
Cooling capacity	: at $+4^{\circ}\text{C}$ 1250W
Dimension	: 965 x 660 x 620 mm
Power	: 230V, 1 phase, 50 cycle