



## PLASMA FREEZER



### SALIENT FEATURES

- Plasma Freezers are designed for quick freezing storing of plasma and related blood components at desired temperature as low as -40°C / -80°C (as per model selected)
- Inner chamber made of stainless steel SS-304 and outer chamber made of mild steel duly powder coated.
- PUF thick insulation to ensure temperature stability & reduced energy consumption
- Keyed door lock for improved security with magnetic door gasket.
- Stainless Steel plasma basket.
- The cooling is effected by hermetically sealed CFC FREE ECO FRIENDLY COMPRESSOR.
- Eco-friendly cascade refrigeration systems with time delay
- Precise control of temperature by using micro processor based PID temperature indicator cum controller with accuracy of  $\pm 1^{\circ}\text{C}$
- Audio visual alarm if the temperature deviates from the pre set temperature & door open alarm.
- Caster wheels for ease of mobility
- Digital display of set value and process value
- No of trays 2 – 6 depending on size of freezer and demand.
- Designed air flow system ensuring uniform temperature distribution inside refrigerator
- It works on 230V AC, 50/60 Hz

### SPECIFICATION

Model (Temperature -40°C)	Model (Temperature -80°C)	Volume (Liters)	No of bags	Internal dimension (W x D x H cms)
SAII-PF-90	SAII-UPF-90	90	50	40 x 43 x 65
SAII-PF-170	SAII-UPF-170	170	128	50 x 40 x 85
SAII-PF-280	SAII-UPF-280	280	245	60 x 52 x 90
SAII-PF-340	SAII-UPF-340	340	300	65 x 55 x 95
SAII-PF-420	SAII-UPF-420	420	390	65 x 62 x 105

#### Optional:

- 7 days circular chart temperature recorder
- RS 232 port with communication software to interface freezer directly to computer for storing data & print
- Touch screen colour display HMI
- Voltage stabilizer & UPS
- Inner MOC SS 316 & Outer MOC SS 304