

Refrigerated Circulators- Prime Series (PS)

The ESCY Prime series refrigerated circulators (PS models) come equipped with advanced control features, including multiple set points, various safety features, and data logging capabilities.

- Microprocessor based PID controller with Dual LED Display, multiple set points & advance safety features viz Low liquid level audio visual alarm, over temp cut off.
- Optional features are Multiple Ramp and Soak, External Temperature control & RS485 communication port.
- High quality stainless steel bath tanks with bath lids and drain tap.
- Compact, space saving, easy operation & Robust Cooling.
- Models for internal and external circulation applications.
- Integrated pump connection with nozzles.

Standard Specification:

- Temperature stability: $\pm 0.03^{\circ}\text{C}$
- Pump pressure (mbar): 300
- Pump Flow rate Max (lpm): 12
- No. of Set Points: 4
- Low liquid level alarm
- Over Temp Cut off.



Technical Specification:

Model	R20PS1010A
Working temperature range (°C)	-10 to +100
Ambient temperature range (°C)	25 to 40
Temperature stability (°C)	±0.03
Heater power max (kW)	2
Current max (amps)	10
Pump pressure (mbar)	300
Pump flow rate max. (lpm)	12
No. of set points	4
In / Outlet connection nozzle (outside) mm	8 & 12
Pressure adjustment	Optional in PB Model
Bath volume (L)	20
Overall dimensions (WxDxH) mm	420 x 610 x 650
Weight (Kg)	36
Refrigerant stage 1	R134 a
Power supply	230V; 50Hz
Power plug (amps)	16
Temperature	Cooling Capacity(Ethanol)
20°C	0.8 kW