2.1 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 for all models:

- Temperature stability: ±0.03°C
- Pump pressure (mbar): 300
- Pump Flow rate Max (lpm): 12
- No. of Set Points: 4
- Low liquid level alarm
- Over Temp Cut off.

Model	Temperature Range (°C)	Bath Volume (L)	Heater Capacity (kW)	Cooling Capacity @ 20°C (kW)	RS485 Comm	External Temperature Control	Ramp and Soak
R05PS1010A	-10 to +100	5	1	0.3	O	O	O
R05PS2010A	-20 to +100	5	1	0.3	O	O	O
R05PS2510A	-25 to +100	5	1	0.6	O	O	O
R09PS1010A	-10 to +100	9	2	1	O	O	O
R09PS2010A	-20 to +100	9	2	0.8	O	O	O
R09PS2510A	-25 to +100	9	2	0.8	O	O	O
R09PS3010A	-30 to +100	9	2	0.7	O	O	O
R13PS1010A	-10 to +100	13	2	1	O	O	O
R13PS2010A	-20 to +100	13	2	0.8	O	O	O
R20PS1010A	-10 to +100	20	2	0.8	O	O	O

O = Optional