

Mini Chillers- Prime Series (PS)

ESCY Mini chillers help cool various laboratory equipment, including rotary evaporators, and are suitable for applications such as separations, chemical reactions, spectroscopy, and lab automation.

- Accurate Temperature control.
- Robust, powerful cooling.
- Small Filling port.
- Models with fixed Tank capacities (5, 9 litres)
- Temperature Range : -10°C to 40°C. (on request can be extended up to -10°C to 80°C).

Standard Specification:

- Temperature stability: $\pm 0.03^{\circ}\text{C}$ / 0.5°C
- No. of Set Points: 1.
- Magnetic Pump

Additional features in PS models:

- RS485 communication port
- Integrated PID controller
- Low Liquid level Alarm
- Over Temp cut off
- Timer



Technical Specification:

Model	M09PS1040A
Working temperature range (°C)	-10 to +40
Ambient temperature range (°C)	25 to 40
Temperature stability (°C)	±0.03
Heater power max (kW)	2
Current max (amps)	16
Pump pressure (mbar)	600
Pump flow rate max. (lpm)	20
No. of set points	1
In / Outlet connection nozzle (outside) mm	8 & 12
Bath volume (L)	9
Overall dimensions (WxDxH) mm	400 x 550 x 550
Weight (Kg)	43
Refrigerant stage 1	R134 a
Power supply	230V; 50Hz
Power plug (amps)	16
Temperature	Cooling capacity (Ethanol)
20°C	1.5 kW