3. Mini Chillers

Basic (BC) & Prime (PS) Series

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) or Reservoir with Brazed Plate Heat Exchanger (BPHE Technology).



Standard Specification for all models:

- Temperature stability: ± 0.03°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 cutoff
- Timer

Model	Temperature Range (°C)	Bath Volume (L)	Heater Capacity (kW)	Cooling Capacity @ 20°C (kW)	Pump Pressure (mbar)	Pump Flow Rate Max (lpm)	RS485 Comm	External Temprature Control
M05BC2040A	-20 to +40	5	1	0.6	350	15	X	X
M05BC1040A	-10 to +40	5	1	1	350	15	X	X
M09BC2040A	-20 to +40	9	2	1.2	600	20	X	X
M09BC1040A	-10 to +40	9	2	1.5	600	20	X	X
M05PS2040A	-20 to +40	5	1	0.6	350	15	O	O
M05PS1040A	-10 to +40	5	1	1	350	15	O	O
M09PS2040A	-20 to +40	9	2	1.2	600	20	O	O
M09PS1040A	-10 to +40	9	2	1.5	600	20	O	O

O = Optional

X = Not Available

Temperatures up to 80°C available on request.