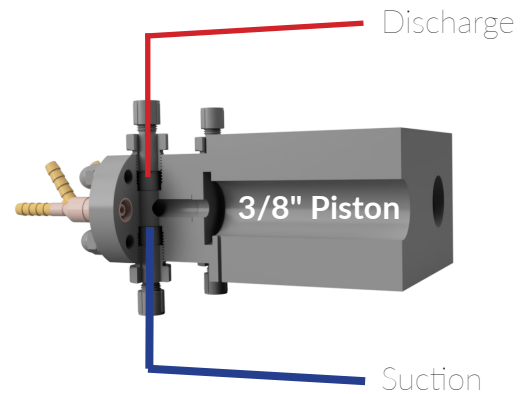




Specification | P250

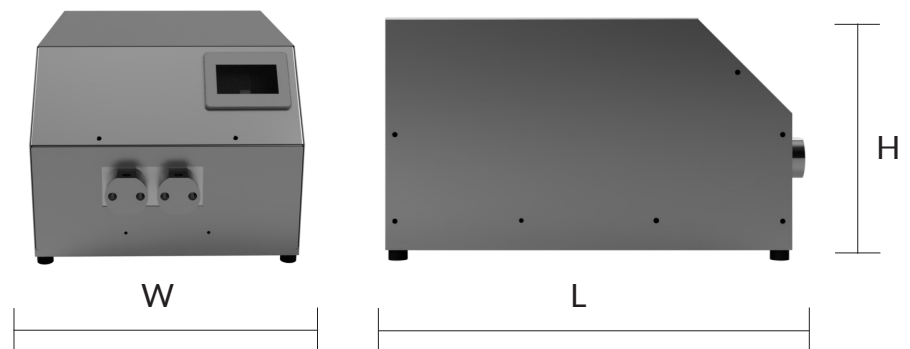
When research requires a boost the P250 is an ideal pump for generating high pressure liquid CO₂ at a maximum flow rate of 250g/min for either supercritical CO₂ reactions or extractions. Ideal for reactors upto 5L.

Type	Core Laboratory CL series
Maximum Discharge Pressure	689 bar
Flow Rate @ (900kg/m ³)	0 - 250 g/min
Maximum Motor Power	3.3 KW / 220 V / 15A
Flow Adjustment	Servo Drive
Size of Tubing (Suction)	1/4 inch
Size of Tubing (Discharge)	1/4 inch



Features and Benefits

- 1. Ceramic Piston;** The ceramic piston design reduces friction, resulting in less seal wear and lower maintenance. Dual stainless-steel heads with a cam driven piston assembly eliminates pulsed flow.
- 2. Efficient Cooling;** With the heads machined with an innovative groove allowing the addition of cooling fluid, these pumps can easily be used to pump both solvents and CO₂.
- 3. Remote Diagnosis;** Even with our robust designs, unforeseen problems can occur. In-order to ensure the pumps downtime is reduced to a minimal we can diagnosis issues remotely and offer a solution to ensure the pump is back running in the shortest time possible.
- 4. Precision Motor;** Utilising either stepper or servo motors the CL pumps are capable of control, based on feedback from the pressure sensor or flow meter and can be regulated using a touch screen display, or via a PC through an ethernet connection.
- 5. Dual Piston;** Dual cam driven pistons designed to reduce pulsation during operation. Sealed for life bearings removing the requirement for an oil pan reducing the required maintenance over the lifetime of the pump.



SFXP20-689	
In	21.12 x 16 x 12.64
mm	536.5 x 406.4 x 321