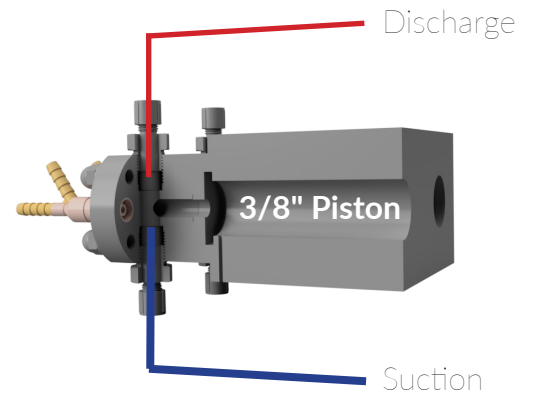




Specification | P251K

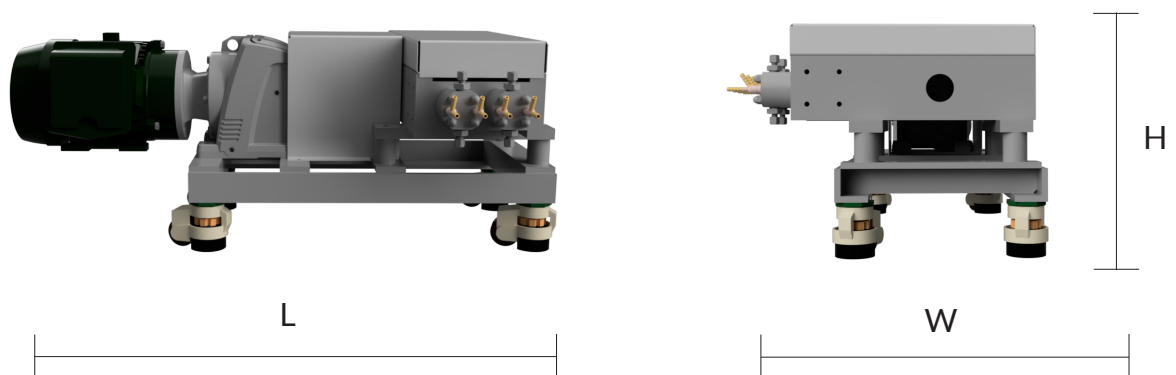
Designed to deliver liquids including CO₂ into extremely high pressure environments upto 1000 bar. Built from the ground up the P251K can deliver 250g/min at 1000 bar utilising a highly efficient Core Separations designed check valve

Type	Core Ultra CU series
Maximum Discharge Pressure	1000 bar
Flow Rate @ (900kg/m ³)	25 - 250 g/min
Maximum Motor Power	4 KW / 220 V / 18A
Flow Adjustment	AC motor / VFD
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.
- 5. AC Motor GearBox Combo;** Our Industrial series pumps use a tried and tested AC motor and gear box design that are highly energy efficient and have a proven long service life for all mechanical components. Combined with particularly low maintenance and operating costs, our pumps are well suited for the conditions required in manufacturing environments.
- 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.



SFXP250-1K	
In	36.7 x 17.4 x 14.2
mm	932.2 x 442 x 360.7