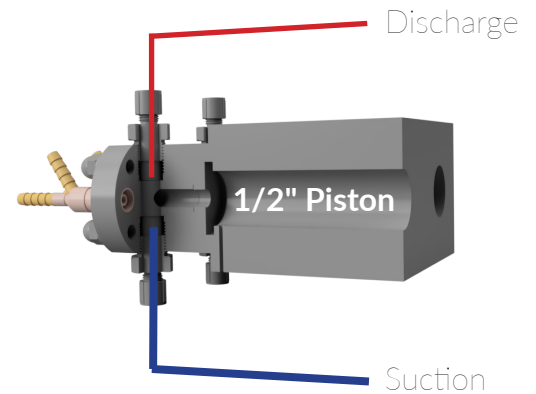




# Specification | P1K

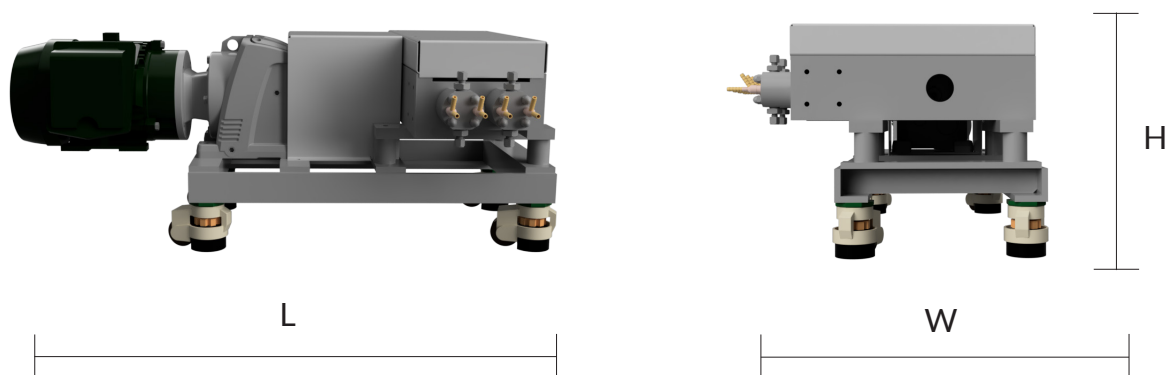
Using the same core design as our P500 pump, the P1K delivers a increase in performace without compromising reliability. Delivering 1kg/min at pressures upto 400 bar this pump is suitable for reactors upto 25 L.

Type	Core Industrial CI series
Maximum Discharge Pressure	400 bar
Flow Rate @ (900kg/m <sup>3</sup> )	22 - 1000 g/min
Maximum Motor Power	2.2 KW / 415 V (3-PH) / 6.5 A
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 asse bly 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 CO<sub>2</sub>.
- 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