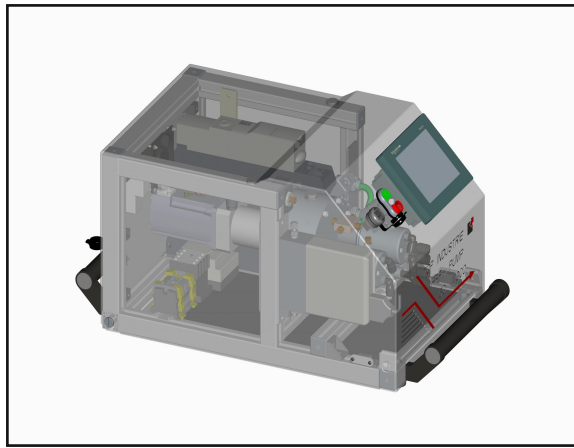


HP Flow liquid PUMP



USES:

TOP INDUSTRIE proposes a full range of reliable high pressure piston pumps for lab to pilot plant scale. Our pumps can work for any liquid but the design has also been adapted to liquefied gas like CO₂, even at very high pressures.

Standard max operating pressure for our lab pumps is 1 000 bar.

Our pilot scale pumps can be tailor-designed to your own operating pressure and flow rate range with a max flow rate up to 200 l/hour

FEATURES :

- Easy switch between flow rate control and pressure control
- Large flow rate range control with variable speed motor
- Jacketed head on a large surface used for cooling when pumping liquefied gas or for heating when pumping for viscous fluids.
- Ergonomic touch screen panel for user configuration
- Reliable mechanical design with reduced maintenance
- Fluid contact part materials : 316 SS head / Peek seats / PTFE gaskets
- Possibility to be configured for incompressible liquid or compressible fluids
- Built in pressure sensor and pressure safety
- Remote control possibility for PLC control, ramp control or complex cycle programming
- Connections : Hydraulic : 1/16", 1/8" or 1/4" HP connectors / Electricity 220 V or 110 V

OPTIONS :

- Integrated mass flowmeter for closed loop control
- Integrated fluid pre-cooler / condenser for liquefied gas
- Higher operating pressures
- Other construction material (Hastelloy, Inconel, etc...)

REFERENCE	PISTON VOLUME	NBR HEADS	PRESSURE	FLOW (WATER) at max pressure	FLOW (CO2) at max pressure	SIZE (L*D*H) (WEIGHT)
	ml		bar (psi)	g/mn		cm (kg)
HPF 50	0,31	1	1000 (14500)	50	25	33*66*31 cm 30kg
HPF 100		2		100	50	
HPF 200		3		200	100	
HPF 300	3,50	1	700 (10000)	300	150	80*80*45 cm 130 kg
HPF 600		2		600	300	
HPF 900		3		900	450	
HPF 1000	14,50	1	700 (10000)	1000	500	90*90*50 cm 150 kg
HPF 2000		2		2000	1000	
HPF 3000		3		3000	1500	

Used at a lower pressure each HP Flow liquid pump provides a higher flow

