



General Features

The pump Stigma 1000 offer precision and stability with pressure control up to a rate of 244 ml/min. With a maximum pressure of 300 bar (4350 psi), it is perfect for the following applications:

- High pressure liquid chromatography HPLC
- Adding fluid accurately in the field of research and manufacturing processes
- Formulation of reagents in the development of chemical processes
- Accurate dosing of liquefied gases
- Core flooding, permeability measurements...

With a touch screen computer built into the pump and our FALCON[®] control software, they can do the following:

- Constant flow rate
- Continuous constant flow rate
- Constant pressure with programmable ramp
- Preset volume at constant flow
- Temperature measuring in option

All our Stigma pumps are delivered with 0.1% accuracy pressure sensor and Viton O-ring sealing.

Specifications	
Volume	1000 ml
Flow	0.0004 ml/min to 240 ml/min
Flow Accuracy	0.1% of set point
Pressure range	0.1% FS
Materials	Stainless Steel 316, (Hastelloy, Titanium as option)
Temperature range	+5°C to +40°C (up to 200°C as option)
Temperature accuracy	0.1°C
Power required	230 Vac
Dimensions (HxDxW)	98 x 41 x 27 cm
Weight	≈ 52 kg
Certification	PED2014/68/EC

For corrosion resistance, the pump body can be in Hastelloy or Titanium

Heating jacket: up to +200°C

The Stigma 1000 with controller and associated with one, two or three (or more) Stigma 1000 (without controller) can form multiple pumps. With Sanchez Technologies automatic valves (VAVC), a Stigma double pump can run at constant flow.