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Core Lab



# HPLC Pump Stigma 200 Datasheet

Pump\ HPLC Pumps

## Stigma 200



### Generalities

The new pump Stigma 200 offer precision and stability with pressure control up to a rate of 33 cc/min. With a maximum pressure of 1200 bar (18 000 psi), it is ideal for the following applications:

- ✓ High pressure liquid chromatography HPLC
- ✓ Adding fluid accurately in the field of research and manufacturing processes
- ✓ Formulation of reagents in th development of chemical processes
- ✓ Accurate dosing of liquefield gases
- ✓ Care 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
- ✓ PED 97/23/CE construction

All our Stigma pumps are delivered with 0.1% accuracy pressure sensor and viton o'ring sealing.

# STIGMA 200

## Specifications

Stigma 200	
<b>Volume</b>	200 ml
<b>Flow</b>	0.001 cc/min to 33 cc/min
<b>Flow accuracy</b>	0.1% of set point
<b>Pressure range</b>	1200 bar - 18 000 psi
<b>Pressure accuracy</b>	0.1% FS
<b>Materials</b>	Inox 316, Hastelloy, Titanium
<b>Temperature range</b>	+5°C to +40°C
<b>Temperature accuracy</b>	0.1°C
<b>Power required</b>	110 Vac, 230 Vac
<b>Dimensions (HxDxW)</b>	98 cm x 41 cm x 27 cm
<b>Weight</b>	= 52 kg

## Options

- ✓ For corrosion resistance, the pump body can be in Hastelloy or Titanium
- ✓ Heating jacket: up to +200°C
- ✓ The Stigma 200 with controller can be associated with one, two or three (or more) Stigma 200 (without controller) to form multiple pumps. With Sanchez Technologies automatic valves (VAVC), a Stigma double pump can run at constant flow.

## Ordering informations

Product	Description	Reference
Stigma200	Pump 200 ml, 1200 bar, 33 cc/min	ST <b>012</b> S 0 0 0 0 0 0 0
<b>Hastelloy Body</b>	For corrosive fluids	ST 000 <b>H</b> 0 0 0 0 0 0 0
<b>Titanium Body</b>	For corrosive fluids	ST 000 <b>T</b> 0 0 0 0 0 0 0
<b>Special Sealing</b>	Following products (contact us)	ST 000 0 <b>S</b> 0 0 0 0 0 0
<b>Manual Valves Kit</b>	ST manual valves	ST 000 0 0 <b>M</b> 0 0 0 0 0
<b>Automatic Valves Kit</b>	ST automatic valves: VAVC	ST 000 0 0 <b>A</b> 0 0 0 0 0
<b>Heating jacket</b>	To heat the pump body to 200°C	ST 000 0 0 0 <b>H</b> 0 0 0 0
<b>Tank Kit</b>	A tank mounted on a tray	ST 000 0 0 0 0 0 <b>T</b> 0 0
<b>Frame</b>	To put your Stigma pump on	ST 000 0 0 0 0 0 0 0 <b>F</b>