

VPSSV 300-1000D by  **Sanchez Technologies** | Thermodynamics & Core Analysis Laboratory Instruments



General Features

This equipment is specially designed to inject in continuous flow. It's composed of 2 simple screw pumps. The volume of each pump is 300 ml.

The pump, with a synoptic (FALCON software) or with electric cabinet, can be controlled and log the value of the different parameters (pressure, volume, temperature, flow rate).

Specifications	
Volume	300 ml
Pressure	1000 bar
Temperature	Ambient
Volume Accuracy	10 ⁻⁴ ml
Pressure Accuracy	0.1% FS
Temperature Accuracy	0.1°C
Flow Rate	0.1°C

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Each pump can be:

- Independent for the following operations:
- Constant flow
- Constant pressure
- Predefined volume at constant flow
- Synchronized for constant flow:
- Push / pull
- Push / push
- Pull / pull
- Assembled with electro valves (in option) for continuous flow and constant pressure

One piston pump is composed of:

- One chamber in stainless steel with packing
- One calibrated piston
- One driving piston system (movements executed by a gear box with a --brushless motor and high accuracy absolute encoder

The VPSSV 300-1000D has absolute pressure sensor and a safety manometer in stainless steel can be added as option.