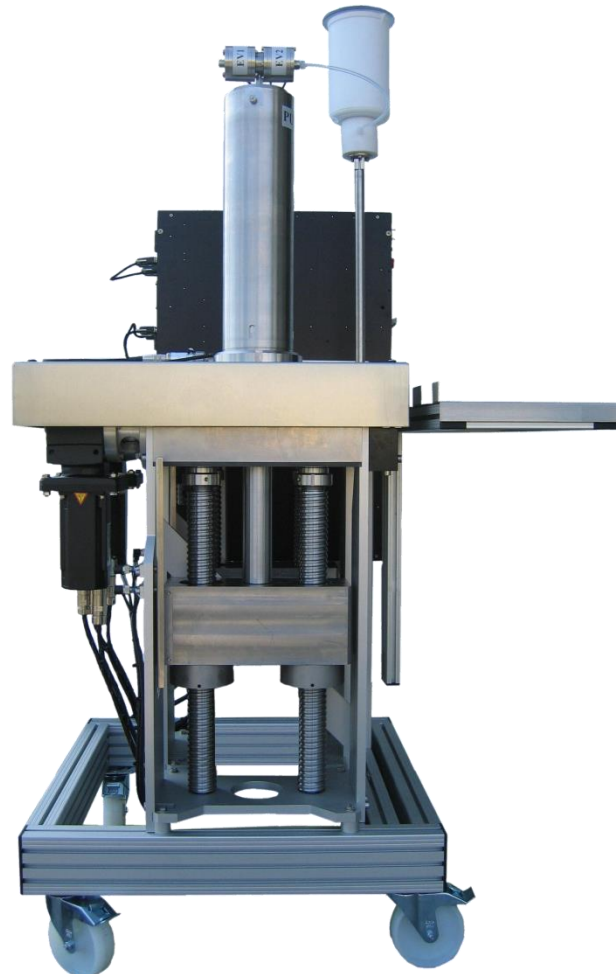


VPDSV 1000-700 by



**Sanchez
Technologies**

Thermodynamics &
Core Analysis
Laboratory Instruments



General Features

This equipment is specially designed to inject in continuous flow. It's composed of a double screw pump. The volume of the pump is 1000 ml.

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

Specifications	
Volume	1000 ml
Pressure	700 bar (10 000 psi)
Temperature	Ambient (200°C as option)
Volume Accuracy	10 ⁻³ ml
Pressure Accuracy	0.1% FS
Temperature Accuracy	0.1°C
Flow Rate	0.0002 to 110 ml/min

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The pump can run the following operations:

- Constant flow
- Constant pressure
- Predefined volume at constant flow

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 VPDSV 1000-700 has absolute pressure sensor and a safety manometer in stainless steel can be added as option.

Example of synoptic

