



VPDSV 500-1500



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 500 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	500 ml
Pressure	1500 bar (20 000 psi)
Temperature	Ambient
Volume Accuracy	10^{-3} ml
Pressure Accuracy	0.1% FS
Temperature Accuracy	0.1°C
Flow Rate	0 to 1600 ml/h

VPDSV 500-1500

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 500-1500 has absolute pressure sensor and a safety manometer in stainless steel can be added as option.

Example of synoptic

