

HP Single Pump (250 bar)

P1-250F



Description:


The pumps are composed of a general base unit featuring a Servo Motor, Gear Box, and an HMI-based controlling unit. These pumps are specifically designed for applications that necessitate precise, pulseless flow, and pressure control for the delivery of fluids, solvents, and solutions. The pump comprises a single injection unit with a maximum barrel volume of 500 cc, providing the capability to inject fluids in constant flow and constant pressure modes.


Technical Specification:

- Maximum injection pressure: 250 bar
- Pressure transmitter
- Pressure transmitter accuracy: 0.5% full scale
- Constant pressure mode
- Constant flow rate mode
- Cylinder volume: 500 cc
- Minimum flow rate: 0.01 cc/min
- Maximum flow rate: 50 cc/min
- Flow rate resolution: $2 * 10^{-4}$
- Wetted parts: Stainless steel 316
- Touch panel



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