

Prep 36 Pump

Preparative Chromatography Pump

Features Designed Specifically for Preparative Chromatography.

- *High Flow Rates & Pressure Range*
- *Consistent Performance*
- *Easy Maintenance*
- *High Performance at a Low Cost*



Designed Specifically for Preparative Chromatography Applications

Wide, Accurate Flow & Pressure Range

The Prep Pumps have been specifically designed for Preparative Chromatography applications. The units provide high flow rates and high pressure capabilities, with consistent performance to minimize the potential for column damage.

The units deliver a maximum flow rate of 36 mL/min. (6000 psi).

Control Interface

Standard controls include RS-232 serial communication port, Run/ Stop inputs and remote frequency & voltage controls. Real-time pressure monitoring with user selectable upper & lower pressure limits is standard.

Easy, Low-Cost Maintenance

The Prep Pumps offer easy solvent changeover and priming capability. Piston wash and simple seal change keep maintenance costs down.

All Pumps carry a 3-Year Warranty.

PSS1012-RevB-042312

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Prep 36 Pump Specifications

Flow Rate	0.1 - 36.0 mL/min.
Max. Pressure	6,000 psi (Stainless Steel) 5,000 psi (PEEK)
Pulsation	< 2% @ 1 mL/min. and 1,000 psi
Pressure Accuracy ...	± 2 of full scale pressure
Flow Accuracy	± 2%
Flow Precision	0.5% RSD
Controls	RS-232 Serial Com Port for Complete Control & Status Monitoring Run/Stop Inputs (5 Volt TTL Type) Remote 0-10 Volt & Remote 0-10 KHz Flow Rate Control Input
Dimensions	5.5" H x 10" W x 17" D (14.0 x 25.4 x 43.2 cm)
Weight	35 lbs. (16 kg)

Standard Features

- Stainless Steel or PEEK Fluid Path
- Self-Flushing Pump Heads and Prime Purge Valve
- In-line Electronic Pressure Transducer.
- Simple Front Panel Keypad Controls with LED Display (0.1 mL increments)
- Autoprime™ one button toggles flow rate to maximum for rapid solvent change
- Motor Stall Detector
- LO-Pulse Pulse Damper for Reduced Pulsation

Ordering Information

DESCRIPTION	PART No.
PREP 36 PUMP 36 mL/min., Pressure Monitoring, Pulse Damper, and Self-Flush, SS	P15SFT01
PREP 36 PUMP 36 mL/min., Pressure Monitoring, Pulse Damper, and Self-Flush, PEEK	P15PFT01



Your Choice of Stainless Steel or PEEK Fluid Path

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