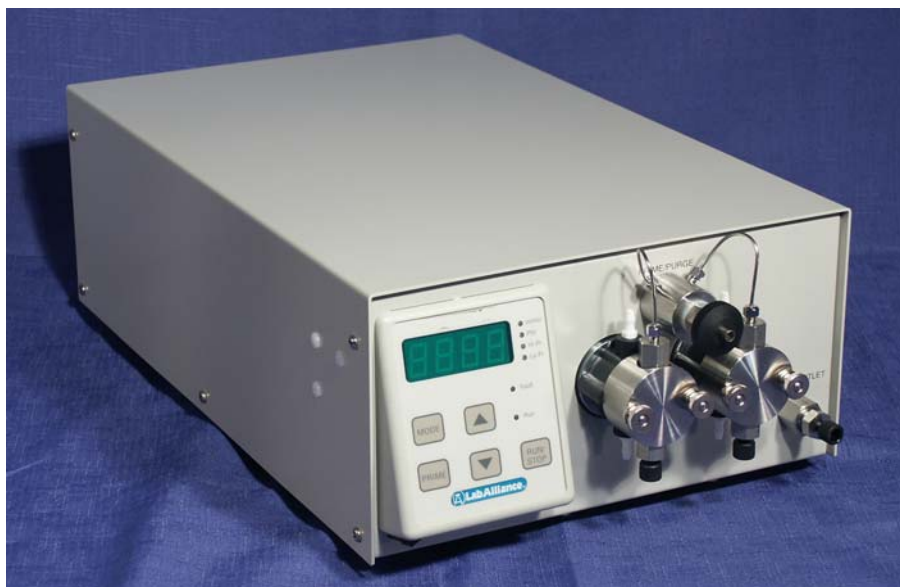


# Prep 24, Prep 100

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## Preparative Chromatography Pump

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 24 (6000 psi) or 100 mL/min. (3000 psi).

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.

The Prep pumps offers easy solvent changeover and priming capability. Piston wash and simple seal change keep maintenance costs down. All LabAlliance pumps include a 3 year warranty.

# Prep 24, Prep 100

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## SPECIFICATIONS

◆ Flow Rate	0.1 – 24.0 ml/min 0.1-100.0 ml/min	<b>Prep 24</b> <b>Prep 100</b>
◆ Maximum Pressure	6000 p.s.i. 3000 p.s.i.	<b>Prep 24</b> <b>Prep 100</b>
◆ Pulsation	± 1% @ 100 mL/min and 3000 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	
◆ Physical	10.375" wide x 17.5" deep x 5.5" high, 35 lbs. 26.35 x 44.45 x 14 cm, 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

P40SFT01	Prep 100 pump, 100 mL/min., pressure monitoring, pulse damper, and transducer, SS
P40PFT01	Prep 100 pump, 100 mL/min., pressure monitoring, pulse damper, and transducer, PEEK
P10SFT01	Prep 24 Pump, 24 mL/min., self-flush, pulse damper, and transducer, SS
P10PFT01	Prep 24 Pump, 24 mL/min., self-flush, pulse damper, and transducer, PEEK