

# Preparative Digital Pumps

*“your chromatography specialists”*

**Chrom Tech**<sup>®</sup>



- **Two preparative pump models available:  
Up to 100.0 mL/min**
- **Dual pump heads for reduced pulsation**
- **Self flushing pump heads**
- **Prime purge valve**
- **Dual ball and seat check valves for consistent flow performance**
- **Simple front panel key pad with LED display**
- **3 year warranty!**

**Chrom Tech, Inc.**

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# Preparative Digital Pumps

## For Preparative Applications

The preparative digital dual head pump has been specifically designed for preparative chromatography applications. The unit provides high flow rates and high pressure capabilities with consistent performance to minimize the potential for column damage.

The preparative pump offers easy solvent changeover and priming capability. In addition, the Autoflush piston wash and easy seal change keep maintenance costs down.

Standard flow controls include pressure monitoring (with upper/lower pressure limits), RS-232, and remote frequency and remote voltage.



## Optional High-Pressure Gradient

The addition of a second Prep 100 gives you the capability to pump 200 mL/min. at 4000 psi. An optional compact stand-alone keypad is used for convenient high-pressure gradient programming without the requirement for a computer.



## Ordering Information:

Cat. No.	Description
P-1100	Prep 100 Pump w/Pressure Monitoring, SS
P-1100B	Prep 100 Pump w/Pressure Monitoring, PEEK
P-1024	Prep 24 Pump w/Pressure Monitoring, SS
P-1024B	Prep 24 Pump w/Pressure Monitoring, PEEK
SCU-470	Keypad controller with gradient* software
P-6100	Gradient accessory kit, includes: mixing tee, tubing, fittings, and interface cable

\* Requires two pumps

## Specifications:

<b>Flow rates:</b>	Prep 100: 0.1 – 100.0 mL/min. Prep 24: 0.1 – 24.0 mL/min
<b>Pressure:</b>	Prep 100: 0 – 4,000 psi Prep 24: SS: 6,000 psi; Prep 24: PEEK: 5,000 psi
<b>Pulsation:</b>	±5% @ 100 mL/min and 1,000 psi
<b>Pressure accuracy:</b>	±2% of full scale pressure
<b>Pressure zero offset:</b>	±2 psi
<b>Flow accuracy:</b>	±2%
<b>Flow precision:</b>	0.5% RSD
<b>Dimensions:</b>	6" (H) x 11" (W) x 18" (D)
<b>Weight:</b>	35 lbs. (16 kg)
<b>Inputs:</b>	Run/Stop inputs (5 volt TTL type); 0-10 volt, 0-10 KHz flow rate control input

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