

Ultra - HP Constant Pressure

Ultra High Pressure Pump (18,000psi)

For Column Packing and Engineering/Process Applications



Constant Pressure Pump

- **Pressure capability to 18,000psi**
- **Dual head design for accurate flow rate & low pulsation**
- **User settable upper and lower pressure limits**
- **Includes 3 year warranty!**

Designed for High Speed, High Resolution Chromatography

The Ultra High Pressure Constant Pressure Digital Pump has been specifically developed to allow packing of particles in the 1 micron to 10 micron range. This constant pressure pump has flow range settings from 0.001 to 12ml/min with flow controlled by the pressure setting, up to 18,000 psi.

The use of modern digital stepper motor technology and high performance mechanical design provide accurate flow rates and pressures over the entire performance range. In addition, all Scientific Systems pumps come with a 3 year warranty.

Standard controls include RS-232 serial communication port (for complete control and pump status monitoring) and Run/Stop inputs. Also standard is real-time pressure monitoring with user selected high and low pressure limits. The Ultra HP constant pressure pump comes with Quick set software for unmatched control of the packing process.

Chrom Tech, Inc.

"your chromatography specialists"

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Ultra High Pressure Pump Specifications:

Flow Rates: 0.001-12.000mL/min Constant Pressure

Pressure: 18,000 psi

Pulsation: \pm .75% from 3,000-18,000 psi

Pressure Accuracy: \pm 2% of full scale pressure

Flow rate precision: 0.5% RSD on >30 second average flows

Dimensions: 5.5" (H) x 10.375" (W) x 17.5" (D)

Weight: 30 lbs.

Remote control: RS-232, start/stop

Ultra High Pressure Pump Features:

- Stainless Steel Fluid Path
- Dual pump heads, cam-driven with single stepper motor drive
- AutoPrime™ one button toggles flow rate to maximum for rapid solvent change
- Electronic pressure transducer
- Outlet Filter
- Front keypad control LED display with pressure and flow setpoints
- Quick Set software

Ultra High Pressure Pump Ordering Information

Cat. No.	Description
P-UHP-CP	Constant Pressure Ultra High Pressure Pump

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