

SFT-Prep 24 Pump and SFT Prep 100 Pump

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



SFT-Preparative Chromatography Pump

The SFT-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 SFT-Prep pumps offers easy solvent changeover and priming capability. Piston wash and simple seal change keep maintenance costs down. All SFT pumps include a 1-year warranty.

Supercritical Fluid Techs Inc

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SPECIFICATIONS

| | | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Flow rates | 0.1 – 24.0 ml/min | SFT-Prep 24 |
| | 0.1 – 100.0 ml/min | SFT-Prep 100 |
| Maximum Pressure | 6000 ps1 | SFT-Prep 24 |
| | 3000 ps1 | SFT-Prep 100 |
| 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 and remote 0-10 kHz Flow Rate Control Input | |
| Dimensions | 10.375" wide x 17.5" deep x 5.5" high, 35 lbs. 26.35 x 44.45 x 14 cm, 16 kg. | |

ORDERING INFORMATION

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

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