

SFT-SERIES 1500 HPLC Pump



SFT-Series 1500 HPLC Pump

STANDARD FEATURES

- Dual self flushing pump heads with overlapping cams for reduced pulsation
- Pulse damper for reduced dead volume
- Real-time pressure monitoring with upper/lower pressure limits
- Ruby ball/sapphire seat check valves for consistent performance
- Simple front panel key pad controls with LED display
- Autoprime™ one button toggles flow rate to maximum for rapid solvent change
- Motor stall detector
- Prime purge valve
- 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
- Stainless steel or PEEK fluid path

The SFT-Series 1500 HPLC Pump has been designed for analytical to small-scale preparative chromatography applications. The patented low-dead-volume pulse damper and dual piston mechanism make this pump virtually pulse-free, and provide unmatched performance for the most demanding applications. The unit provides flow rates from 0.001 to 12.0 ml/min, and is typically suitable for columns from 2 mm to 22 mm ID.

Supercritical Fluid Techs Inc

One Innovation Way, Newark,
DE, United States
Tel: 302-738-3420
Fax: 302-738-4320



SPECIFICATIONS

Flow rates	0.001 - 12.0 ml/min
Pressure (with minipulse damper)	Stainless Steel: 0 – 6,000 psi; PEEK: 0 – 3,000 psi
Pulsation	.5% @ 1 ml/min and 1,000 psi
Pressure Accuracy	1% of full scale pressure
Flow Accuracy	+/- 2%
Flow Precision	0.2% RSD
Dimensions	6" H x 11" W x 18" D (15 x 26 x 46 cm)
Weight	30 lbs (14 kg)

The SFT-Series 1500 drive features a linear cam and pressure compensation to provide accurate gradients in the high- or low-pressure mode.

Standard controls include RS-232 serial communication port and Run/Stop inputs, remote frequency and remote voltage controls, real-time pressure monitoring, and constant flow.

The high-performance mechanical design provides accurate pressures to 6000 psi. All SFT pumps include a 1-year warranty.

ORDERING INFORMATION

- F05SFD01** SFT-Series 1500 Pump, self-flush, .001-12 ml/min., SS, User selectable Voltage, pulse damper with pressuring monitoring and RS-232 control
- F05PFD01** SFT-Series 1500 Pump, self-flush, .001-12 ml/min., PEEK, User selectable Voltage, pulse damper with pressuring monitoring and RS-232 control

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