

SFT-Series 1 Economical Digital Pump

STANDARD FEATURES

- Self-flushing Pump Head
- Stainless Steel or PEEK Fluid Path
- Simple Keypad Controls with LED Display (0.1 ml increments)
- Single Piston with Electronic Rapid Refill Mechanism
- Motor Stall Detector
- RS-232 Serial Com Port for Control & Status Monitoring



SFT-Series I Digital Pump for Chromatography or General Metering Applications

High performance at a low cost

The SFT-Series I pump uses new manufacturing techniques and proven fluidics to give the highest performance at the lowest cost.

Wide flow rate range

The SFT-Series I operates from 0.01 ml/min – 10 ml/min at pressure ratings up to 2500 psi; or from 0.1-40 ml/min (650 psi), allowing both analytical and small-scale preparative applications.

Saves bench space

The SFT-Series I requires only 6-1/2 inches by 13 inches deep of valuable bench space.

Choice of materials

The choice of Stainless Steel or PEEK fluid paths make the SFT-Series I ideal for pumping solutions as diverse as distilled water, organic solvents, or radioactive slurries.

Positive seal-washing standard

The exclusive self-flush head extends seal life dramatically by removing salts and wetting the seal.

Easy maintenance

The completely disposable head assembly can be changed in seconds at the price similar to seals and check valves in most pumps.

Flexible advanced control

The SFT-Series I is RS-232C control-compatible and operates with simple commands from any terminal or computer program.

The best performance per money spent

The SFT-Series I represent a class of HPLC pumps for use in critical metering applications and all isocratic HPLC applications where pressure above 2500 psi is not required. All SFT pumps include a 1-year warranty.

Supercritical Fluid Techs Inc

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SPECIFICATIONS & ORDERING INFORMATION

	10 ml	40 ml	10 ml with pressure	40 ml with pressure, voltage, and frequency control
Flow Rate:	.01 – 10 ml /min.	0.1 – 40.0 ml /min.	.01 – 10 ml /min.	0.1 – 40.0 ml /min.
Maximum Pressure:	2500 psi	650 psi	2500 psi	900 psi
Flow Accuracy	2%	± 5% (at midpoint of flow)	2%	± 5% (at midpoint of flow)
Flow Precision	0.5% RSD	0.5% RSD	0.5% RSD	0.5% RSD
Remote control	RS-232 and run/stop	RS-232 and run/stop	RS-232 and run/stop	RS-232 and run/stop
Physical	6.5" H x 6.5" W x 13" D	6.25" H x 7.75" W x 12.75" D; 19 lbs. 16 x 20 x 32 cm; 2.8 kg	6.5" H x 6.5" W x 13" D	6.25" H x 7.75" W x 12.75" D; 19 lbs. 16 x 20 x 32 cm; 2.8 kg
Materials	PEEK and inert polymers or Stainless Steel	PEEK and inert polymers or Stainless Steel	PEEK and inert polymers or Stainless Steel	PEEK and inert polymers or Stainless Steel
Power	120/230 Vac: 50/60 Hz	120/230 Vac: 50/60 Hz	120/230 Vac: 50/60 Hz	120/230 Vac: 50/60 Hz
Ordering information	110PFN01 Series I 10 ml, PEEK	140PFN01 Series I 40 ml, PEEK	V10PFT01 Series I 10 ml, with pressure monitoring, PEEK	V40PFN01 Series I 40 ml with pressure, voltage, and frequency control, PEEK
	1105FN01 Series I 10 ml, stainless steel	1405FN01 Series I 40 ml, stainless steel	V105FT01 Series I 10 ml with pressure monitoring, stainless steel	V405FN01 Series I 40 ml with pressure, voltage, and frequency control, stainless steel

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