Flash 100

High Flow Metering Pump

Features

- Prime Purge Valve
- Pressure Monitoring
- Autoprime™ One Button Toggles Flow Rate to Maximum for Rapid Solvent Change
- Front Panel Flow Adjustment : 0.1 mL/min Increments
- Digital Stepper Motor Design Prevents Flow Rate Drift Over Time and Temperature
- Run/Stop Inputs (5 Volt TTL Type)
- 0 to 10 Volt, 0 to 10 KHz Flow Rate Control Input
- RS-232 Serial Communications Port for Complete Control
- Wide Flow & Pressure Range
- Consistent Performance
- Easy Maintenance
- High Performance at a Low Cost

Applications

- Flash Chromatography Applications and Metering
- Process Engineering
- Biocompatible Applications
- Research and Development
- Quality Assurance
- Education

A Versatile Pump Designed Specifically for Flash Chromotography Applications.

- Wide Flow & Pressure Range
- Consistent Performance
- Easy Maintenance
- High Performance at a Low Cost

Wide, Accurate Flow & Pressure Range

The Flash 100 Pump has been designed specifically for flash Chromatography applications. The unit provides a wide range of flow rates and consistent performance to minimize the potential for column damage.

The Flash 100 offers easy solvent changeover and priming capability. In addition, the unit provides accurate and predictable flow characteristics over the available pressure range.

High Performance at a Low Cost

The use of modern digital stepper motor technology provides the performance of the most expensive pumps at an exceptional value. The Flash 100 offers easy solvent changeover and priming capability. In addition, the unit provides accurate and predictable flow characteristics over the available pressure range.

Easy Maintenance

In addition to the proven reliability, the Autoflush™ piston wash and easy seal change procedures keep maintenance costs low.

Specifications

Flow Rates	0.1 - 100.0 mL/min.
Pressure	0 - 1000 psi
Pulsation	± 4% @ 50 mL/min. and 250 psi
Pressure Zero Offset.	± 2 psi
Flow Accuracy	± 2 %
Flow Precision	0.5% RSD
Demensions	5.5" H x 10.5" W x 17.5" D (14 x 26 x 44.5 cm)
Weight	13.6 lbs. (30 kg)

Ordering Information

P/N	Product
F40PFX01	Flash 100, 0.1-100 mL/min, 1000 psi, PEEK, Self-flush, Pressure Monitoring RS-232, Remote I/O, 110/220VAC
F40SFX01	Flash 100, 0.1-100 mL/min, 1000 psi, SS, Self-flush, Pressure Monitoring RS-232, Remote I/O, 110/220VAC

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