

Series II Digital Pump



The Series II is an isocratic pump for basic applications.

Meets the most demanding applications

The patented low dead volume pulse damper and rapid refill in the Series II make this single-piston pump virtually pulse-free. It meets the requirements of the most demanding detectors.

Analytical and preparative separations

Flow rates from 0.01 to 10 mL/min. or 0.04 to 40 mL/min. are available.

Material compatibility for all applications

Available in either traditional 316 stainless steel or biocompatible PEEK™ (polyetherether ketone) for metal-sensitive applications. Choose the material best suited for each application.

Reduced maintenance

Seal life is dramatically extended by actively flushing the back of the primary seal with a flushing solution. The result is less down-time and reduced operating expenses. The self-flush is automatic; just change the flushing fluid weekly. Seals can be changed in five minutes without tools.

Easy solvent changes

Autoprime™ one-button purging makes it easy to prime or purge the pump.

Works in your existing system

The Series II is a direct replacement for many pumps, including Waters, Shimadzu, and other leading brands.

Performance beyond its price and the security of a 3-year warranty

The use of modern digital stepper motor technology and the proven single-piston design gives the performance of the most expensive pumps at a fraction of their cost. The operating cost is lower too, due to the simplicity of the design and fewer number of parts required. It's so reliable it carries a three-year warranty.



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Chromatography Supplies Under One Roof

Series II Digital Pump

Product description

The Series II pump consists of a series of modular subassemblies packaged to meet basic metering and chromatography application requirements. The extensive use of digital logic and a micro-stepped motor allow for precise and flexible control. The user interface consists of an LED display and keypad. The use of the self-flush head and a three-year warranty ensure years of trouble-free service. Method development is easy with Autoprime™ purging. The Series II is designed to give the modern chromatographer state-of-the-art capability at a value price.

Intended applications

- Isocratic applications and metering
- Biocompatible applications
- Semi-preparative to 40 mL/min.
- Research and development
- Quality assurance
- Education

Ordering information

<i>Description</i>	<i>Part No.</i>
Stainless steel 10 mL/min., 110V	120686
PEEK 10 mL/min., 110V	120692
Stainless steel 40 mL/min., 110V	120689
PEEK 40 mL/min., 110V	120695
Stainless steel 10 mL/min., 220V	120700
PEEK 10 mL/min., 220V	120706
Stainless steel 40 mL/min., 220V	120703
PEEK 40 mL/min., 220V	120709

Specifications

Flow rates	0.01 to 9.99 mL/min. 50 µL head 0.04 to 40 mL/min. 200 µL head
Pressure	0 to 6,000 psi 50 µL head 0 to 1,500 psi 200 µL head
Accuracy	2%
Precision	0.2% RSD
Dimensions	5.5" H x 10.4" W x 17.5" D
Weight	24 pounds (12 kg)
Power	100/110 Volts ac; 220 Volts ac 50/60 Hz
Features	Prime-purge valve Pulse damper LED display RS-232 input



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