

**Introduction**

Chrom Solutions Ltd., registered in Canada, is the cooperative partner of SSI-ALLCHROM TECHNOLOGIES LLC (OEM) .

Advanced design of series II/III pump along with rapid absorption cam and a septum-type pulse dampener in small volume makes that the pump feature in minimum baseline noise and the lowest pulsation to meet the vast majority of high precision delivery demands. Widely used digital logic circuit and stepper motor can realize more accurate and complicated control.

Series III pump incorporates built-in pressure transducer and users can clearly see the pressure readouts via OLED display. Series II without pressure transducer is used to delivery liquid when there is no pressure risk. Self-flushing pump head and 3-year warranty ensure you to use it freely. Panel functional keys are easy to operate and flow rate, upper and lower pressure (Series III) , run and stop, rapid flushing pump can be set and selected separately.

**Application Range:**

Used to precise measurement delivering liquid for various micro reaction devices and liquid chromatographic delivery pump  
 Demanding bio-compatible applications  
 Precise measurement delivering liquid in 40ml/min  
 Research, development, teaching and quality identification

**Specifications:**

Flow Rate	0.001-5ml/min, 0.01-0ml/min, 0.1-40ml/min
Pressure	0-6000psi (5&10ml Pump) 0-1500psi (40ml Pump)
Flow Accuracy	2%
Flow Repeatability	0.2%RSD
Dimensions	5.5”Hx10.4”Wx17.5”D
Weight	24 lbs. (11Kg)
Power	220V, 50/60Hz
Performance	Prime-purge valve, pulse dampener self-flush pump head, OLED display
Remote Inputs	RS-232, voltage (0-10V)



**Characteristics:**

- Adopting the most classical pump design
- Pressure-assistant and high precision
- Dual-and single-check valves avoiding liquid back-flow
- In-time self-flushing design to ensure constantly working and decreasing usage costs of pump
- Enable to deliver liquid in isocratic and gradient way with flexible configuration
- Available with seals of various materials for delivering most of liquid

**Ordering Information (AllChrom):**

Part No.	Descriptions
205SFM01EV	II pump , 0.001-5ml/min, self-flush assembly, pulse dampener, without pressure transducer, SS
210SFP01EV	II pump , 0.01-10ml/min, self-flush assembly, pulse dampener, without pressure transducer, SS
240SFP01EV	II pump , 0.1-40ml/min, self-flush assembly, pulse dampener, without pressure transducer, SS
305SFD01EV	III pump , 0.001-5ml/min, self-flush assembly, pulse dampener, with pressure transducer, SS
310SFT01EV	III pump , 0.01-10ml/min, self-flush assembly, pulse dampener, with pressure transducer, SS
340SFT01EV	III pump , 0.1-40ml/min, self-flush assembly, pulse dampener, with pressure transducer, SS

**Pumps (possible wear parts excluded) carry a 3-year warranty with extra door-to-door labor fee in the 2<sup>nd</sup> and 3<sup>rd</sup> years.**