

# Demi 2510S

*Achieve accurate flow rates in a compact continuous flow syringe pump.*

The Demi 2510S is a small, compact positive displacement pump suited for continuous flow applications and more. It has many features designed to meet your needs. The Demi takes less bench space and require less maintenance.

The Demi can accommodate flows of up to 10 mL/min at 173.6 bar (2,500 psi) without the need for flow meter feedback. The easy to program interactive front panel displays real-time flow rate and pressure. Upper and lower pressure limits can be set through a few simple key strokes.

With an accuracy rate of +/- 1%, you can count on the Demi to perform reliably.

Several communication options are available, including USB/Ethernet or RS232/485; and 0-10V/4-20mA.

- **Achieve Consistent Flow Rates**  
The Demi 2510S delivers dependable results.
- **Reduce Downtime**  
Unlike check valves, our active valves increase efficiency and reduce maintenance.
- **Save Space**  
Use less bench space with a footprint the size of a piece of paper.

## Standard Features

- 1/8 in inlet and outlet openings
- Electronically actuated valves
- Two 10 mL syringe cylinders



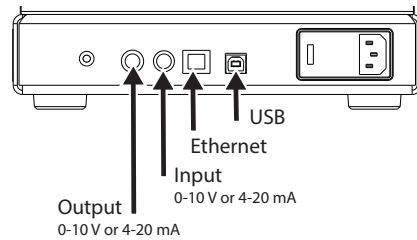
## Sample Applications

- Precision fluid feed in research and manufacturing processes
- Chemical/Reactant feed in chemical process development and plastic formation
- Rock core analysis

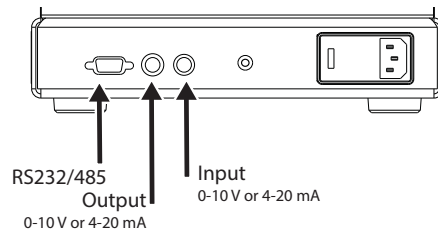
Specifications	
Capacity	2 cylinders - 10 mL each
Flow Range	0.2 – 10.00 mL/min (0.01 mL/min minimum settable)
Flow Accuracy	±1% of set point (≥ 0.2 mL/min, ≥150 psi)
Displacement Resolution	32 nL/step
Pressure Range	1 - 180 bar (10 - 2,500 psi)
Standard Pressure Accuracy	±1% (fs)
Pressure Fluctuation (Switch Over)	± 4.1 bar (60 psi)
Wetted Materials	Nitronic <sup>®</sup> 50, Nitronic 60, 316SST, 304L SST, Haynes <sup>®</sup> 214, Hastelloy <sup>®</sup> C276, PEEK, PTFE, Graphite Filled PTFE
Plumbing Ports	1/8 in Valco <sup>®</sup>
Operating Temperature	5-40 °C
Power Required	100 VAC, 117 VAC, 234 VAC, 50/60 Hz (specify)
Dimensions (H x W x D)	41.2 x 24.9 x 30.0 cm (16.2 x 9.8 x 11.8 in)
Weight	13.8 kg (30.5 lb)
Standards Conformity	CE
External Communications Ethernet/USB	0-10 V or 4-20 mA
External Communications RS232/485	0-10 V or 4-20 mA
Viscosity Limit	250 cP at 9 mL/min



#### Ethernet/USB



#### RS232/485



#### Ordering Information

681260030	Demi 2510S Ethernet/USB 0-10 V
681260031	Demi 2510S Ethernet/USB 4-20 mA
681260040	Demi 2510S RS232/485 0-10 V
681260041	Demi 2510S RS232/485 4-20 mA



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