

# ASI Model 520 Pumps Specifications

Model	521	520*	520G*
Configuration	Isocratic	Isocratic or Gradient	Gradient System
<b>Accuracy</b>			
	Micro	±1% or 1 µL/min. (whichever greater)	
	Other	±1% or 2 µL/min. (whichever greater)	
<b>Flow Range &amp; Max Pressure</b>			
	Micro	0.5 µL/min. to 4 mL/min.	7,000 PSI Max
	Analytical	5.0 µL/min. to 10 mL/min.	7,000 PSI Max
	Analytical UHPLC	5.0 µL/min. to 1 mL/min.	15,000 PSI Max
		1 mL/min. to 10 mL/min.	7,000 PSI Max
	Semi - Prep	10.0 µL/min. to 20 mL/min.	3,500 PSI Max
	Prep	10.0 µL/min. to 125 mL/min.	1,500 PSI Max
<b>Precision</b>			
	Micro	0.25%, 0.05 - 4 mL/min. @ 20°C	
	Other	0.25%, 0.10 - 10 mL/min. @ 20°C	
<b>Pulsation</b>			
1% Δ P/P @ 1,500 PSI pressure			
<b>Dimension Weight</b>			
10.25" (26cm) W x 14" (35.5cm) D x 6.5" (16.5cm) H, 16 lbs. (7.3Kg)			
<b>Power</b>			
85~264 VAC, 47~63 Hz, 60 W			

\*Alphanumeric keypad programming control of gradient profiles with step and linear profiles at multiple levels. Store up to 20 linkable files with up to 20 program steps, and max time/step of 650 minutes in 0.1 steps. Remote control provided via external contact closure or RS-232. Concentration range setting: 0-100% in 1.0% steps.

**OEM inquiries are welcome.**