

Prime/Purge Valve for Waters® Pumps

- ▶ Automatic valve operation with a simple twist of a luer lock syringe
- ▶ No tubing to cut or ferrules to swage
- ▶ No wear on the internal seal
- ▶ Materials of construction: ruby, sapphire, PEEK, PTFE, and stainless steel

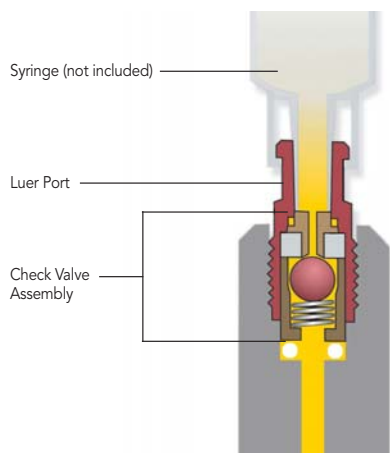
The Upchurch Scientific® Prime/Purge Valve for Waters pumps automatically opens when a luer syringe is attached and closes when the syringe is removed. No valve rotation is required after the initial installation, so wear on the internal seal is eliminated.

In addition, our Waters-compatible Prime/Purge Valve is simpler to operate and more economically priced than alternative valves available for Waters systems.

A Waters-compatible internal PTFE seal is included with the valve. This seal can also be purchased separately. It can be used both with the Upchurch Scientific valve and the original valve supplied with the pump.



Attaching/Removing the Syringe Automatically Opens and Closes the Valve



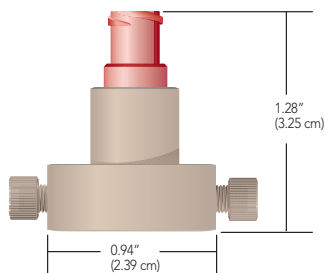
Universal Prime/Purge Valve

- ▶ For any style HPLC system
- ▶ Automatic luer syringe operation
- ▶ Featuring handy mounting holes
- ▶ Materials of construction: ruby, sapphire, PEEK, PTFE, and stainless steel

The Upchurch Scientific Universal Prime/Purge Valve is easy to operate. Simply install a valve along the flow path with the included fittings and attach a luer-tipped syringe. Then, withdraw the plunger and watch as solvent and residual bubbles are removed from the solvent line. The valve automatically closes when the syringe is removed.



The valve is designed to be used with 1/8" OD tubing. Optional mounting is made easy by the handy holes in the body of each unit.



V-321
 Universal Prime/Purge Valve
 Mounting holes are 0.75" (1.91 cm) apart

APPLICATION NOTE

Air in the Inlet Solvent Line

Install the Low Pressure Universal Prime/Purge Valve along the inlet solvent path near the pump to remove bubbles from the inlet solvent line. The valve can also be used to rapidly "wet" your solvent inlet filter. When a new filter is installed, it often contains a substantial amount of air within its pores. At standard flow rates, it may require several minutes before the inlet fluid pathway is completely free of gas. Using this valve you are able to rapidly draw solvent through the inlet filter, dislodging the gas and minimizing downtime.

Part No.	Description	Includes
PRIME/PURGE VALVES		
B-310	10 cc Disposable Luer-Tipped Syringe	
V-320	Prime/Purge Valve for Waters Pumps	(1) V-320-06
V-320-06	Replacement PTFE Seal (for V-320)	
V-321	Universal Prime/Purge Valve	(2) P-300N, (2) P-335