

WTS-LV Filter Types and Recommended Pump Heads (Gen3)

The tables shown below provide a list of available pump heads and recommendations based on compatible filter type and flow rate.

Note – Flow rate can vary widely based on filter porosity and sample load.

Pump Size	LV04	*LV08	LV30
Flow Rate Range (L/min)	0.5–4	3–8	5–30

* LV08 is standard on the WTS-LV

			Recommended Pump Heads		
Filter Type	Pore Size in μm	Max Flow Rate (L/min)	LV04	LV08	LV30
Polycarbonate and Polyester Membrane (Nuclepore [®] , Millipore [®])	0.2	2	●		
Polycarbonate and Polyester Membrane (Nuclepore [®] , Millipore [®])	0.4	3	●		
Polycarbonate and Polyester Membrane (Nuclepore [®] , Millipore [®])	0.8	6	●	●	
Polycarbonate and Polyester Membrane (Nuclepore [®] , Millipore [®])	1.0	8	●	●	
Glass Fiber (GF/F [®] , QMA [®])	0.8	4 (LV04 pump) 7 (LV08 pump)	●	●	
	1.7	4 (LV04 pump) 8 (LV08 pump)	●	●	
	5.0	4 (LV04 pump) 8 (LV08 pump) 20 (LV30 pump)	●	●	●
Mesh (Nytex [®])	60.0 (+)	4 (LV04 pump) 8 (LV08 pump) 30 (LV30 pump)	●	●	●