

Technical Support Bulletin 2004-05	WTS-LV Pump Heads	December 23, 2004
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Alert Level: Informational
Software Version: N/A
Instrument: WTS 6-1-142LV Water Sampler
Subject: Pump Head Sizing and Filter Pore Size

Available WTS-LV Pump Heads

Pump Size	LV04	LV08	LV20	LV30	LV50
Flow Rate Range (L/min)	1-4	5-8	10-20	15-30	25-50

Filter Types and Recommended Pump Heads

Filter Type	Pore Size (micron)	Max Flow Rate (L/min)	Recommended Pump Heads				
			LV04	LV08	LV20	LV30	LV50
Polycarbonate and Polyester Membrane (Nucleopore [®] , Millipore [®])	0.2	3	●				
Polycarbonate and Polyester Membrane (Nucleopore [®] , Millipore [®])	0.4	4	●				
Polycarbonate and Polyester Membrane (Nucleopore [®] , Millipore [®])	0.8	8	●	●			
Polycarbonate and Polyester Membrane (Nucleopore [®] , Millipore [®])	1.0	10	●	●			
Glass Fiber (GF/F [®] , QMA [®])	0.8	8	●	●			
	1.7	10	●	●	●		
	5.0	20	●	●	●	●	
Mesh (Nytex [®])	60.0	50	●	●	●	●	●