

## L/S® “Partner” Pump Heads

### Customize your L/S drive for special applications

- Ismatec® minicartridge pump heads offer variable flow from multiple channels—each head accepts up to eight cartridges (included)
- Valveless piston pump heads give you options to handle a wide range of fluids at pressures up to 100 psi
- All pump heads listed below can be used with Masterflex drives found on pages 613-631

Masterflex tubing pumps offer a large selection of L/S pump heads: Standard, Easy-Load®, Easy-Load® II, Easy-Load® 3, High-Performance, multichannel cartridge, PTFE-diaphragm, or PTFE-tubing.

And, while Masterflex tubing pump heads are designed to meet many of your demands, you may need something different on occasion.



Ismatec® minicartridge pump head 07623-00 with L/S drive 07528-30 (order tubing on pages 599-603)

Valveless piston pump head 07104-56 with L/S drive 07554-80 and adapter 07104-48

Adapter 07104-48

### Ismatec® Minicartridge Pump Heads

Pump head type	Advantages	Maximum flow rate (100 rpm)	Maximum pressure	Channels	Rollers	Catalog number	Price
Peristaltic minicartridge pump head	Multichannel pumping and variable occlusion	32.5 mL/min	25 psi	8	6	<a href="#">GH-07623-00</a>	
		28.5 mL/min		8	8	<a href="#">GH-07623-10</a>	

[GH-78016-98](#) Replacement minicartridge

### Valveless Piston Pump Heads

Max flow rate (mL/min) at various rpm (vary flow rate by adjusting rpm or stroke length)		Max psi	Piston dia of body	Max temp of liner	Materials of construction			Catalog number	Price
1 to 100 rpm	6 to 600 rpm				Piston	Cylinderbody	Cylinder liner		
<b>Standard high-flow pump heads</b>									
0.08 to 8	0.48 to 48	100	1/8"	140°F (60°C)	316 SS	316 SS	Carbon	<a href="#">GH-07104-50</a>	
		60			316 SS	PVDF	Carbon	<a href="#">GH-07104-52</a>	
0.32 to 32	1.92 to 192	60	1/4"	140°F (60°C)	316 SS	PVDF	Carbon	<a href="#">GH-07117-26</a>	
		100			316 SS	316 SS	Carbon	<a href="#">GH-07104-62</a>	
0.32 to 32	1.92 to 192	60	1/4"	212°F (100°C)	Ceramic	PVDF	Ceramic	<a href="#">GH-07104-54</a>	
		60			Ceramic	PVDF	Carbon	<a href="#">GH-07104-58</a>	
0.32 to 32	1.92 to 192	100	1/4"	350°F (177°C)	Ceramic	316 SS	Ceramic	<a href="#">GH-07104-56</a>	
		100			Ceramic	316 SS	Carbon	<a href="#">GH-07104-60</a>	
0.72 to 72	4.32 to 432	60	3/8"	140°F (60°C)	316 SS	PVDF	Carbon	<a href="#">GH-07117-28</a>	
		100			316 SS	316 SS	Carbon	<a href="#">GH-07104-72</a>	
0.72 to 72	4.32 to 432	60	3/8"	212°F (100°C)	Ceramic	PVDF	Ceramic	<a href="#">GH-07104-64</a>	
		60			Ceramic	PVDF	Carbon	<a href="#">GH-07104-68</a>	
0.72 to 72	4.32 to 432	100	3/8"	350°F (177°C)	Ceramic	316 SS	Ceramic	<a href="#">GH-07104-66</a>	
		100			Ceramic	316 SS	Carbon	<a href="#">GH-07104-70</a>	
<b>Sanitary high-flow pump heads (3A-approved for use with foods)</b>									
0.32 to 32	1.92 to 192	100	1/4"	350°F (177°C)	Ceramic	316 SS	Ceramic	<a href="#">GH-07117-20</a>	
			3/8"					<a href="#">GH-07117-22</a>	

### Adapter Ordering Information

The Masterflex adapter kit listed below is required to convert your L/S drive for use with the valveless piston pump heads. (Order pump heads separately above.) The adapter allows you to select from these valveless piston pump heads, which are ideal for dispensing and metering. Valveless piston metering pump heads have adjustable stroke length to adjust flow rate, allowing you to convert your fixed-speed drive into a variable flow pump.

[GH-07104-48](#) Masterflex adapter kit for use with valveless piston pump heads. Includes all necessary hardware and fittings

### Wait! There's More...

See pages 664 for additional technical information on Ismatec® pump heads, and pages 680-686 for additional details on valveless piston pump heads.