

I/P® Pump Head Selection Guide

Pump Head	Flow rates	No. of rollers	Multichannel or stackable	Housing/roller materials†	Special features	Accepts multiple tubing sizes	Page
Standard 	0.01 to 13 LPM (0.002 to 3.5 GPM)	3	Yes, stack up to two pump heads	PC/CRS, PC/SS, or PPS/SS	✓ Low cost, high precision and accuracy ✓ Best choice for dispensing applications	No	724
Easy-Load® 	0.01 to 13 LPM (0.002 to 3.5 GPM)	3	Yes, stack up to two pump heads	PSF/CRS, PSF/SS, or PPS/SS	✓ Quick tubing changes without dismounting pump head from drive ✓ Automatic tubing retention ✓ Model available for ATEX Zone 2 applications	Yes	725
High-Performance 	0.01 to 19 LPM (0.002 to 5.0 GPM)	3	No, single head only	SS housing rotors and rollers. Polyester occlusion bed.	✓ Accepts High-Performance precision tubing sizes ✓ Highest flow rate, pressure and suction capabilities of any I/P® pump head ✓ Tubing enters and exits same side of pump head ✓ Model available for ATEX Zone 2 applications	Yes	726

†PC = polycarbonate PPS = polyphenylene sulfide PSF = polysulfone CRS = cold-rolled steel SS = stainless steel

I/P® Standard Pump Heads

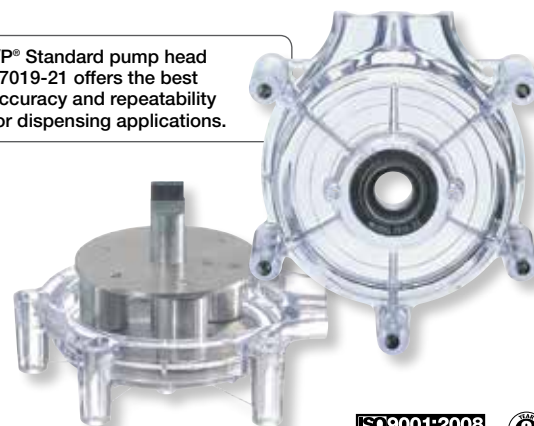
Get more accurate dispensing and metering

- Double your flow rate by stacking two heads
- Available with PC housing with CRS or SS rotor, or PPS housing with SS rotor
- PC housing allows you to see pumping in action; PPS housing and SS rotors have excellent chemical resistance

FEATURES

- ✓ Best overall pump head performance
- ✓ Designed and optimized for one tubing size
- ✓ Stack up to two heads

I/P® Standard pump head 07019-21 offers the best accuracy and repeatability for dispensing applications.

ISO9001:2008
CERTIFIED SUPPLIER

Pump tubing sizes accepted	mL per rev	Flow rates in LPM (GPM) at indicated rpm			Maximum system pressure psi (bar)	Standard pump heads†		
		100	540	1 to 650		PC housing		PPS housing
						CRS rotor	SS rotor	SS rotor
I/P® 73	12.3	1.2 (0.3)	6.6 (1.7)	0.01 to 8 (0.002 to 2.1)	40 (2.7)	GY-07019-20	GY-07019-21	GY-07019-43
I/P® 82	20.0	2.0 (0.5)	10.8 (2.9)	0.02 to 13 (0.005 to 3.5)	20 (1.4)	GY-07019-32	GY-07019-31	GY-07019-53

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[GY-07019-95](#) Replacement mounting hardware for one pump head, stainless steel[GY-07019-96](#) Dual-channel mounting hardware for two pump heads, stainless steel[GY-77600-03](#) Replacement tang boots. Pack of 10

Wait! There's More...

For our complete selection of Masterflex® I/P® pump tubing, see pages 727-732.