




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 |
|---|--------------------------------------|----------------|---------------------------------|---|---|-------------------------------|------|
|  <p>Standard</p> | 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 | <ul style="list-style-type: none"> ✓ Low cost, high precision and accuracy ✓ Best choice for dispensing applications | No | 724 |
|  <p>Easy-Load®</p> | 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 | <ul style="list-style-type: none"> ✓ Quick tubing changes without dismounting pump head from drive ✓ Automatic tubing retention ✓ Model available for ATEX Zone 2 applications | Yes | 725 |
|  <p>High-Performance</p> | 0.01 to 19 LPM (0.002 to 5.0 GPM) | 3 | No, single head only | SS housing rotors and rollers. Polyester occlusion bed. | <ul style="list-style-type: none"> ✓ 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 |

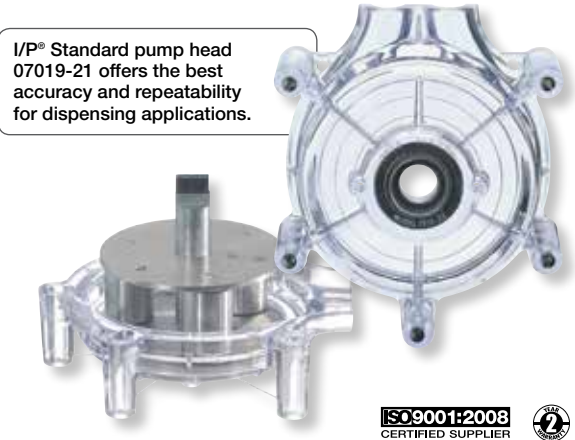
†PC = polycarbonate PPS = polyphenylene sulfide PSF = polysulfone CRS = cold-rolled steel SS = stainless steel

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 | 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) | CRS rotor GY-07019-20 | SS rotor GY-07019-21 | SS rotor 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.