

PeriXus

Peristaltic Pump

Small footprint, but large capabilities coupled with maximum flexibility provide a solid foundation for your pumping applications

The PeriXus was developed with your lab or manufacturing plant in mind. With its compact and modular design, this space-saving pump uses peristaltic technology to help reduce the possibility of contamination making it a great pump to use when handling volatile materials. Also, the ability to quickly change hoses allows you to switch from pumping one material to another in minutes, maximizing application flexibility. The available hose options are designed to handle even the toughest materials, including highly viscous fluids. The PeriXus needs minimal maintenance over the life of the pump, which will enhance your return on investment.

Key Markets:

- Pharmaceutical/Biotechnology
- Research and Development
- Petrochemical
- Reaction Chemistry



PERIXUS

Applications

- Easily transfer fluid from one location to another, including viscous materials
- Steadily dose reactants for continuous processing setups
- Handle aggressive materials utilizing the appropriate hose material

Standard Features:

- Icon-driven menu allows quick, intuitive programming and setup
- Flow range of 0.005 to 480 mL/min (depending on tubing size selected)
- Remote control of speed, direction, and start/stop/prime via 25-pin connector on back of drive
- Easily change hoses to maximize application flexibility
- Small footprint and ability to stack pumps maximizing lab and counter space
- Variety of hose options available to allow for chemical compatibility

PeriXus—Specifications

| | |
|--------------------------------------|---|
| RPM | 0.1 to 300 |
| Flow Rate | 0.005–480 mL/min (L/S 16 tubing) |
| Speed Control (Repeatability) | ±0.1% |
| Reversible Motor | Yes |
| IP Rating | IP33 |
| Dimensions | 9.4" x 5.5" x 6.2" (23.9 x 14.0 x 15.7 cm) |
| Power | 90 to 260, 50/60 Hz |
| Amps | 0.34 at 115 VAC, 0.2 at 230 VAC |

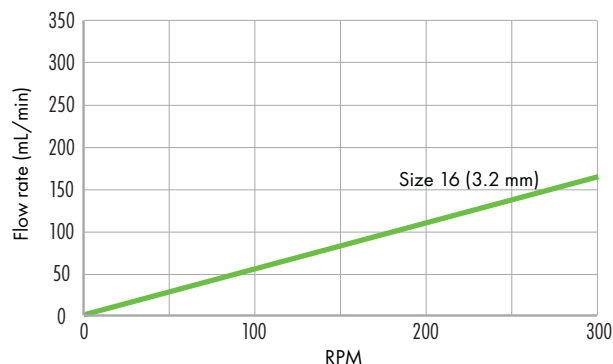
What's included:

PeriXus pump head and universal voltage (90 to 260 VAC) benchtop power supply with IEC320/CEE22 socket. Pump is shipped with cord/plug assembly specific to country of destination.

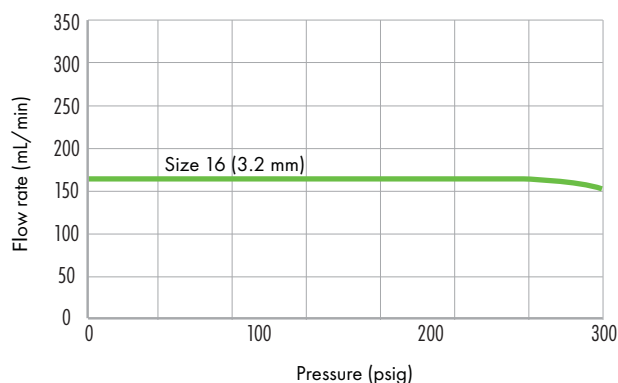
Ordering Information

| Description | Part No. |
|--|-----------|
| PeriXus peristaltic pump | 681240962 |
| Norprene Tubing Sz 16, 50 ft | 29071408 |
| PeriXus, ChemCure pump tubing, L/S 16, 50 ft | 29071409 |
| PeriXus, L/S PharmaPure pump tubing, L/S 16, 25 ft | 29071410 |

PeriXus Pump
Flow Rate vs RPM



PeriXus Pump
Flow Rate vs Pressure @ 300 RPM




Teledyne ISCO

P.O. Box 82531, Lincoln, Nebraska, 68501 USA
Toll-free: (800) 228-4373 • Phone: (402) 464-0231 • Fax: (402) 465-3091

teledyneisco.com




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IGZ Instruments
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IGZ Instruments AG
Furtbachstrasse 17
8107 Buchs ZH



TELEDYNE ISCO
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Tel. +41 44 456 33 33
igz.ch igz@igz.ch