

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 184 mL/min (with L/S 16 tubing size; up to 381mL/min if using L/S 25 tubing size)
- 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	0.005–184 mL/min (L/S 16 tubing) 0.005–381 mL/min (L/S 25 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

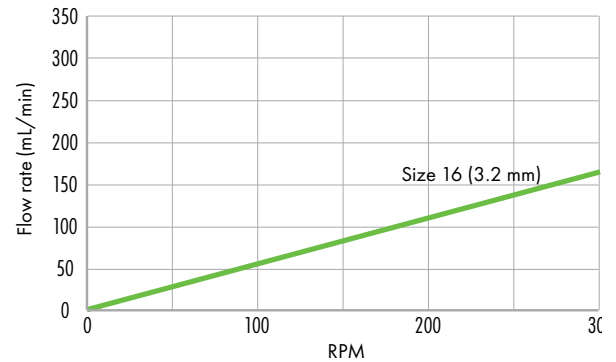
What's included:

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.

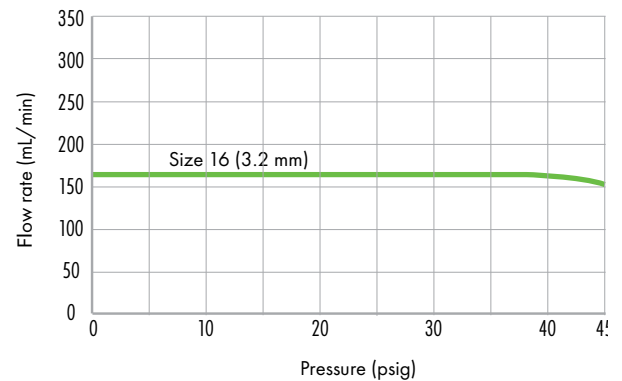
Ordering Information

Description	Part No.
PeriXus peristaltic pump	681240962
Norprene Tubing Sz 16, 50 ft	029071408
PeriXus, ChemCure pump tubing, L/S 16, 50 ft	029071409
PeriXus, L/S PharmaPure pump tubing, L/S 16, 25 ft	029071410

PeriXus Pump
Flow Rate vs RPM



PeriXus Pump
Flow Rate vs Pressure @ 300 RPM



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Teledyne LABS is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.

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