



Masterflex® Peristaltic Pumps

Product numbers VFP001 & VFP002



Product features

- Peristaltic design
- Variable speed
- Sample fluid is confined to the tubing
- Easy to clean
- Positive displacement
- Versatile
- Low maintenance

Masterflex peristaltic pumps perfectly compliment Vivaflow® cross flow filtration modules, offering the flexibility, durability, and performance expected for today's laboratory applications.

Information

The peristaltic design confines the fluid to the tubing so there is no contact between pump and sample. This means there is no danger of the pump contaminating the sample, and the sample cannot contaminate the pump.

Peristaltic pumps are positive displacement pumps. This means they are self-priming, non-siphoning with no back flow. Unlike gear or piston pumps, peristaltic pumps can be used to pump liquids, gasses or mixed phase fluids.

For ease of cleaning, when changing samples simply change the tubing; with the Easy Load pump head options, this takes a matter of seconds. The painted steel housing can be wiped down with a mild detergent solution.

Specifications

| Product number | VFP001 | VFP002 |
|---------------------------|--|--|
| Line voltage (50 – 60 Hz) | 180 – 260 V | 90 – 130 V |
| Drive speed range | 20 – 600 rpm | 20 – 600 rpm |
| Flow range | 16 – 480 ml/min (size 16 tubing) 33 – 1,000 ml/min (size 15 tubing) | 16 – 480 ml/min (size 16 tubing) 33 – 1,000 ml/min (size 15 tubing) |
| Maximum torque | 635.5 mN·m | 90 oz·in |
| Power output | 37 W | 0.05 hp |
| Maximum current | 0.9 A | 1.5 A |
| Dimensions | 220 × 180 × 135 mm | 811/16 × 71/8 × 55/16 in |
| Weight | 4.1 kg | 9 lb |

Masterflex products at a glance

Ordering information

| Product | Pack size | Product number |
|--|-----------|----------------|
| Masterflex Economy drive variable speed peristaltic pump (240 V) | 1 | VFP001 |
| Masterflex Economy drive variable speed peristaltic pump (115 V) | 1 | VFP002 |
| Masterflex Easy Load pump head (size 16) | 1 | VFA012 |
| Masterflex Easy Load pump head (size 15) | 1 | VFA013 |
| Size 16 PVC pump tubing and luer fittings (3 m, 3.2 × 1.6 mm) | 1 | VFA004 |
| Size 15 PVC pump tubing and luer fittings (3 m, 4.8 × 2.6 mm) | 1 | VFA003 |

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Publication No.: SL-2068-e11031
Order No.: 85032-539-57
Ver. 03 | 2011