

Mini-Peristaltic Pump

For use with horizontal units with buffer recirculation ports



The Mini-Peristaltic Pump can be used with either a single tube or two tubes simultaneously. Two of the Pump Head Tubing Pieces are included with the pump. Additional Pump Head Tubing Pieces may be purchased separately.

Two front panel controls provide flow rates from approximately 0.8 to 24.5 ml/min. The control knob provides variable adjustment from 0 to 100% of the selected flow rate range. The second control is a two position toggle switch marked x1, x2 which selects low or high flow rates (see table below.)

The easy loading, four roller pump head is on top of the stout metal box. The back of the pump head effortlessly rotates into an "open" position and either one or two tubes can be dropped into slots. The loaded section simply rotates back against spring loaded jaws and locks into place. The tubing is automatically in proper wiping contact with the pump head rollers. Each pump is provided with a 12.5 mm (0.5") rod clamp on the back so that multiple pumps can be mounted vertically on a lattice rod.

MPII Flow Rates in ml/min

Switch Setting	With One Tube		With Two Tubes	
	Min.	Max.	Min.	Max.
x1	0.8 ml/min	7.00 ml/min	1.6 ml/min	14.00 ml/min
x2	1.5 ml/min	12.25 ml/min	3.0 ml/min	24.50 ml/min

Advantages

Continuous low flow rates ideal for buffer recirculation in horizontal units

Pump can take one or two tubes simultaneously, 1/16" ID

Control knob for pumping speed

Toggle switches for direction and x1 or x2 speed range selection

Low electrical and mechanical noise

Small size

Technical Specifications

Output Pressure In excess of 20 p.s.i.

Power 12 VDC 800 mA, 2.5 mm Connector, 115/230 VAC, 50/60 Hz, Universal power supply, 10 W

Dimensions (w x h x d) 114 x 189 x 105 cm

Weight 0.96 kg

Tubing ID 1/16"

Safety Certifications EN61010-1, CE

Ordering Information

Cat. #	Description
PP24	Mini-Peristaltic Pump
PP24-TB	Pump Head Tubing Pieces, w/connectors on each end for 1/16" ID tubing, 2.5", pkg/10