

## Harvard MPII Mini-Peristaltic Pump



Harvard MPII Mini-Peristaltic Pump

- Continuous low flow rates ideal for:
  - Slow perfusion studies
  - Controlled animal feeding
- Pump can take one or two tubes simultaneously, 1/16 inch ID
- Control knob for pumping speed
- Toggle switches for direction and x1 or x2 speed range selection
- Low electrical and mechanical noise
- Economical

The Harvard MPII Mini-Peristaltic pump takes only one size of tubing, 1.6 mm ID x 3.2 mm OD (1/16 x 1/8 in). It can be used with either a single tube or two tubes simultaneously.

Two front panel controls provide flow rates from approximately 0.8 to 12.25 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 to right.

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 in) 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

### Specifications

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

Dimensions, H x W x D 189 x 114 x 105 cm (3.5 x 4.5 x 4 in)

Weight 0.96 kg (2.1 lb)

Tubing ID 1/16 in

### Catalog No.

CGS 8120.63

CGS 8121.63

### Product

MPII, 115/230 VAC 50/60 Hz

Pump Head Tubing Pieces. These silicone pump head tubing pieces have connectors on each end for 1/16 in ID tubing, pkg. of 10