



## Peristaltic Pump

### Code MPD001

- Compact mini pump, widely used in laboratories to pump small volumes safely and with high precision, thanks to its stepper motor.
- Peristaltic pumps do not come into contact with the pumped liquid and cannot contaminate it (the only surface in contact with the liquid is the inside of the tube); for this reason they

are an excellent choice for transferring clean or sterile liquids in the sanitary, pharmaceutical and food sectors. They are also typically used for pumping aggressive chemicals that could damage other types of pumps and suspensions with high solids content.



### Accessories included

- AC/DC adapter
- Foot switch with RS485 15-pin connector
- Silicone tube 2.5x1 (2.5 mm inner diameter and 1 mm wall thickness), 2 meters long
- Three 2.4 mm straight plastic connectors

## Main features

- Painted metal housing
- Base with rubber feet
- Easy to operate; control panel with membrane keypad
- 4-digit LED display; speed (rpm) and flow rate (ml/min) indication
- Reversible flow (motor can rotate in both directions)
- "Full Speed" function for fast filling or emptying of the tube
- Flow calibration function
- External control via foot switch (start/stop); RS485 interface
- Automatically saves the parameters of the last operation when shutting down

## Technical specifications

Pump head	4 roller
Max. speed	100 rpm
Speed resolution	0,1 rpm
Max. flow rate	24,42 ml/min
Motor type	DC stepper motor
Ambient working temperature	0 - 40°C
Power supply	100-240VAC, 50/60Hz (adapter AC/DC)
Power	< 22W
Dimensions (LxWxH)	150x128x110 mm
Net weight	1 kg