



Peristaltic Pump

Code MPD002

Compatible with various models of pump heads (not included). Can be used in the laboratory as well as in industry. 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.

Main features

- Stainless steel housing with handle on top
- 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



Accessories included

- Power supply cable
- Foot switch with RS485 15-pin connector
- Silicone tube # 18, 2 meters long
- Two 10 mm check valves (prevent backflow of transferred liquid)
- Two 7.9 mm straight plastic connectors
- Two # 18 filling nozzles

Technical specifications

Max. speed	300 rpm
Speed resolution	0,1 rpm
Max flow rate	1440 mL/min
Suction angle	10°-720°
Suction speed	10-300 rpm
Motor type	Stepper motor
Ambient working temperature	0 - 40°C
Power supply	220VAC, 50/60Hz
Power	< 35W
Protection class	IP31
Dimensions (LxWxH)	214x137x223 mm
Net weight	4,6 kg

Pump heads / Tubes / Maximum flow rates

Pump head model	Code	Max. speed	Tube type (inner diameter × wall thickness, mm)								
			#13	#14	#19	#16	#25	#15	#17	#24	#18
			0,8×1,6	1,6×1,6	2,4×1,6	3,1×1,6	4,8×1,6	4,8×2,4	6,4×1,6	6,4×2,4	7,9×1,6
TX315	MPD006	300 rpm	21	72	156	288	624	-	1020	-	1440
YZ1515x	MPD004	300 rpm	21	81	153	246	510	-	870	-	1140
YZ2515x	MPD005	300 rpm	-	-	-	-	-	510	-	870	-
TX325	MPD007	300 rpm	-	-	-	-	-	600	-	980	-

*Heads not included with the equipment