

Pumps, Peristaltic

Peristaltic Pumps, iPump

High performance, precision peristaltic pumps with digital control and motor drive for accurate dispensing.

- ◆ Speed range 0.1 to 100rpm
- ◆ Choice of interchangeable pumpheads:
C1R3 single channel, 3 roller, high pressure, 6 to 360ml/min.
B2R10 two channel, 10 roller, high precision, 4.5 to 32ml/min.
- ◆ Manual input of speed adjustment stop/start, using LED display or automatically through an accessory control module
- ◆ Operate on universal voltage range
- ◆ Designed for continuous operation
- ◆ Forward or reverse modes selectable
- ◆ "Rapid Prime" function
- ◆ Accessory external control modules available for 0 to 5V, 0 to 10V or 4 to 20mA analogue control
- ◆ Memory storage of currently running parameters

Performance

Tube bore, mm	Tube. o.d. mm	Flow rate, ml/minute
C1R3 pumphead		
0.8	4.0	6.33
1.6	4.8	25.0
2.4	5.6	41.6
3.2	6.4	76.6
4.8	8.0	160.0
6.4	9.6	266.6
8.0	11.2	366.6
B2R10 pumphead		
1.02	2.70	4.50
1.52	3.20	12.00
2.10	3.80	17.00
2.40	4.10	23.50
3.17	4.80	32.00

Peristaltic pumps, i50, iPump

As described. Supplied with pumphead as indicated. Overall 232 x 142 x 149mm (L x W x H). Weight 2.5kg. For 90 to 260V 50/60Hz single phase supplies, 30W.

PX600-10 i50 with C1R3

PX600-40 i50 with B2R10

Spares and accessories

PX603-05 C1R3 pumphead only

PX603-15 B2R10 pumphead only

External control modules

PX603-45 0 to 5V analogue

PX603-50 0 to 10V analogue

PX603-60 4 to 20mA analogue

Peristaltic Pump Tubing, Santoprene®

Highly resistant, medical grade, peristaltic pump tubing offering extended working life and wide chemical compatibility, with USP Class VI and EU 2003/11/EC approval. It is also autoclavable. For highest dispensing precision silicone tubing is recommended. All tubing has 1.6mm wall thickness and is supplied in packs of 15 metres.

	Bore x o.d., mm
TY567-12	0.5 x 3.7
TY567-16	0.8 x 4.0
TY567-22	1.6 x 4.8
TY567-26	3.2 x 6.4
TY567-32	4.8 x 8.0
TY567-36	6.4 x 9.6
TY567-42	8.0 x 11.2

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PX600-10

PX600-40