Flow Rate Peristaltic Pump

BT100-1L

Max. Flow Rate

1000 mL/min

500 mL/min

Pump Head Options

YZ1515x
YZ2515x

YZII15
YZII25

DG-2
|
DG-24

DG15-24
DG15-28
DG15-48

DMD15-13-B
DMD15-13-D

Speed	0.1rpm-100rpm, CW/CCW
Speed resolution	0.1rpm
Control mode	Control panel, external signal control and communication control are available
Display	128×32 graphic LCD for current running status
Calibration function	Improve flow rate accuracy
External control	Start/stop, direction and speed control (4-20mA, 0-5V, 0-10V, external control module optional)
Communication interface	RS485
Power-off memory	Return to previous status when powered on
Prime	For fast filling and emptying at full speed
Dimension (L×W×H)	202×160×239 (mm)
Power supply	AC 110V±10%/50W or AC220V±10%/50W optional
Operating temperature	0 to 40°C
Relative humidity	＜80%
IP rating	IP31
Weight	5.3kg

- Mainly used in laboratorial applications.
- Can drive multi-pump heads.

Model (Product code, Power supply)	Pump Head	Tubing	Max. Flow Rate (mL/min)	Weight (kg)
BT100-1L-A (05.02.12A, AC220V) BT100-1L-B (05.02.12B, AC110V)	DG15-24	16# 25# 17#	300 (Single Channel)	6.1
	DG15-28	13# 14# ID ≤3.17 (mm) Wall Thickness 1 (mm)	75 (Single Channel)	5.9
	DG15-48			
	DG- (2, 4, 6, 8, 12, 16, 24) 6 Rollers	ID≤3.17 (mm) Wall Thickness 0.8-1 (mm)	48 (Single Channel)	5.7-8.6
	DG- (2, 4, 6, 8, 12, 16, 24)10 Rollers		32 (Single Channel)	
	(1, 2, 3, 4)×YZ1515x	13# 14# 19# 16# 25# 17# 18#	380 (Single Channel)	5.7-6.9
	(1, 2, 3, 4)×YZII15			
	(1, 2, 3, 4)×YZ2515x	15# 24#	270 (Single Channel)	
	(1, 2)×YZII25	15# 24# 35# 36#	500 (Single Channel)	5.7-6.1
	(1, 2)×DMD15-13-B/DMD15-13-D	13# 14# 19# 16# 25#	350 (Single Channel)	5.7-6.1

Tel: +86-312-3110087 Fax:+86-312-3168553 Internet:www.longerpump.com Email:longer@longerpump.com