

Dispensing Peristaltic Pump

BT100-1F



PERISTALTIC PUMP

Max. Flow Rate



Mainly used in
laboratorial applications.

Pump Head Options



YZ1515x
YZ2515x



YZII15
YZII25



DG-1, DG-2, DG-4



DG15-24
DG15-28



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	LCD for running status
Work mode	Flowrate mode and dispensing mode
Flowrate calibration	Improve flow rate accuracy
Dispensing volume	0.01mL-9.99L
Dispensing calibration	Calibrate dispensing volume to improve accuracy
Copy number	1 to 9999, "0" means unlimited cycle.
Pause time	0.1s-99.9min, resolution is 0.1s.
Back suction time	0s-99.9s, resolution is 0.1s.
External control	Start/stop, direction and speed control (4-20mA, 0-5V, 0-10V, 0-10kHz external control module optional).
Speed output	10Hz-10kHz corresponding to 0.1-100rpm
Start/stop output	OC gate signal
Direction output	OC gate signal
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)	285×207×180 (mm)
Power supply	AC 90V-260V/40W
Operating temperature	0 to 40°C
Relative humidity	<80%
IP rating	IP31
Weight	3.8kg



Model (Product code, Language)	Pump Head	Tubing	Max. Flow Rate(mL/min)	Weight(kg)
BT100-1F (05.02.13A, Chinese) BT100-1F-B (05.02.13B, English)	YZ1515x, YZII15	13" 14" 19" 16" 25" 17" 18"	380	4.2
	YZ2515x	15" 24"	270	
	YZII25	15" 24" 35" 36"	500	
	DG- (1, 2, 4) 6 Rollers	ID ≤ 3.17 (mm)	48	4-4.3
	DG- (1, 2, 4) 10 Rollers	Wall Thickness 0.8-1 (mm)	32	
	DMD15-13-B, DMD15-13-D	13" 14" 19" 16" 25"	350	4.2
	DG15-24	16" 25" 17"	300 (Single Channel)	4.6
	DG15-28	13" 14" ID ≤ 3.17 (mm) Wall Thickness 0.8-1 (mm)	75 (Single Channel)	4.5