Dispensing Peristaltic Pump

BT100-1F



Max. Flow Rate

1000 mL/min

600 mL/min

Mainly used in laboratorial application.

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 state
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 state when power 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℃
Relative humidity	＜80%
IP rating	IP31
Weight	3.8kg

Pump Head Option



YZ1515x
YZ2515x



YZII15
YZII25



DG-1, DG-2, DG-4



DG15-24
DG15-28



DMD15-13-B



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) Wall Thickness 0.8-1 (mm)	48	4-4.3
	DG- (1,2,4)10 Rollers		32	
	DMD15-13-B	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

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