Dispensing Peristaltic Pump

BT300-1F

Max. Flow Rate

5000 mL/min

1800 mL/min

Mainly used in laboratorial applications.



Speed	1rpm-300rpm, CW/CCW.
Speed resolution	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	0.1mL-99.9L
Dispensing calibration	Calibrate dispensing volume to improve accuracy
Copy number	1 to 999, “0” means unlimited cycle.
Pause time	1s to 999s, resolution is 1s.
Back suction angle	0-360°, resolution is 18°.
External control	Start/stop, direction and speed control (4-20mA, 0-5V, 0-10V, external control module optional).
Speed output	0-5V corresponding to 1-300rpm
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)	202×160×239 (mm)
Power supply	AC 220V±10%/50W or AC 110V±10%/50W
Operating temperature	0 to 40°C
Relative humidity	＜80%
IP rating	IP31
Weight	4.3kg

Pump Head Options



YZ1515x
YZ2515x



YZII15
YZII25



DMD15-13-B
DMD15-13-D



DG15-24



Model (Product code, Power supply, Language)	Pump Head	Tubing	Max. Flow Rate(mL/min)	Weight(kg)
BT300-1F-A(05.02.32A, AC220V, Chinese) BT300-1F-B(05.02.32B, AC110V, Chinese) BT300-1F-C(05.02.32C, AC220V, English) BT300-1F-D(05.02.32D, AC110V, English)	YZ1515x, YZII15	13# 14# 19# 16# 25# 17# 18#	1140	4.7
	YZ2515x	15# 24#	840	
	YZII25	15# 24# 35# 36#	1500	
	DMD15-13-B, DMD15-13-D	13# 14# 19# 16# 25#	1040	4.7
	DG15-24	16# 25# 17#	900 (Single Channel)	5.1

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