

Dispensing Peristaltic Pump

BT300-1F



Max. Flow Rate



Mainly used in
laboratorial applications.

Pump Head Options



YZ1515x
YZ2515x



YZ1115
YZ1125



DMD15-13-B
DMD15-13-D



DG15-24

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	0.1s-999s (0.1s resolution within the time of 0.1s-100s, 1s resolution within the time of 100s-999s.)
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



Model (Product code, Power supply, Language)	Pump Head	Tubing	Max. Flow Rate(mL/min)	Weight(kg)
BT300-1F-A(05.02.32A, AC220V, Chinese)	YZ1515x, YZ1115	13" 14" 19" 16" 25" 17" 18"	1140	4.7
	YZ2515x	15" 24"	840	
BT300-1F-B(05.02.32B, AC110V, Chinese)	YZ1125	15" 24" 35" 36"	1500	4.7
BT300-1F-C(05.02.32C, AC220V, English)	DMD15-13-B, DMD15-13-D	13" 14" 19" 16" 25"	1040	
BT300-1F-D(05.02.32D, AC110V, English)	DG15-24	16" 25" 17"	900 (Single Channel)	5.1