

Basic Peristaltic Pump

BT100-2J

Acceptable pump heads for BT100-2J are YZ1515x, YZ2515x, YZII15, YZII25, DG-1 and DG-2. The pump provides flow rates from 0.0002 to 380 mL/min. The speed can be adjusted manually or automatically through external control. Store the running parameters automatically. Easy to operate.



Functions and Features

Applicable pump heads: YZ1515x, YZ2515x, YZII15, YZII25, DG - 1, DG - 2

Prime key: For fast filling and emptying

Communication function: RS485

External control: Start/stop and cw/ccw control, 0 - 5 V, 0 - 10 V, 4 - 20 mA, 0 - 10 kHz speed control

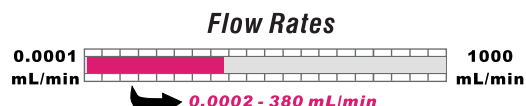
Adjust speed manually or automatically through external control interface

Memory function: Storing the running parameter automatically

Membrane keypad, easy to operate

Good performance and economical price

Indoor use only



Applicable pump heads



YZ1515x
YZ2515x



YZII15
YZII25



DG-1



DG-2



Specifications

- Speed: 0.1 to 100 rpm, reversible
- Speed resolution: 0.1 rpm
- Speed control: Membrane keypad
- Display: 3-digit LED displays current rpm
- External control: Start/stop, cw/ccw control, and 0 - 5 V, 0 - 10 V, 4 - 20 mA and 0 - 10kHz speed control
- Power supply: AC 90 V - 260 V 50/60 Hz
- Power consumption: ≤30 W
- Operating condition: Temperature 0 to 40 °C
Relative humidity < 80%
- Dimensions (L×W×H) : 232×142×149 (mm)
- Drive weight: 2.3 kg
- IP rating: IP 31

Drive	Part Number	Pump Head	Tubing	Flow Rates (mL/min)	Weight (kg)
BT100 - 2J	0502111	YZ1515x, YZII15	13# 14# 19# 16# 25# 17#18#	0.007 - 380	3.0
		YZ 2515x	15# 24#	0.17 - 270	3.0
		YZ II25	15# 24#	0.17 - 270	3.0
		DG - 1 (6 Rollers)	Wall Thickness: 0.8 - 1.0 (mm) Inner Diameter: ≤ 3.17 mm	0.00025 - 48	2.5
		DG - 1 (10 Rollers)		0.0002 - 32	2.5
		DG - 2 (6 Rollers)		0.00025 - 48 (Single channel)	2.6
		DG - 2 (10 Rollers)		0.0002 - 32 (Single channel I)	2.6