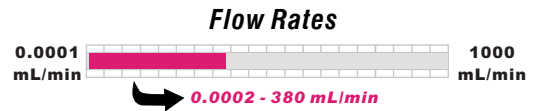


# Basic Peristaltic Pump

## 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.



**High Accuracy & Multi-function**

Applicable pump heads



YZ1515x  
YZ2515x



YZII15  
YZII25



DG-1



DG-2

### Functions and Features

- Applicable pump heads: YZ1515x, YZ2515x, YZII15, YZII25, DG-1, DG-2
- Prime key for fast filling and emptying
- Adjust speed manually or automatically through analog interface.
- Memory function, storing the running parameters automatically
- Membrane keypad, easy to operate
- Good performance and low price
- At normal lab conditions



### Specifications

- Speed: 0.1 to 100 rpm, reversible
- Speed precision: 0.1 rpm
- Speed control: Membrane keypad
- Display: 3-digit LED displays current rpm
- Communication interface: RS485
- 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	52122001	YZ1515x, YZ II15	13# 14# 19# 16# 25# 17#18#	0.07 - 380	3.0
		YZ 2515x	15#	1.7 - 150	3.0
		YZ II25	15#	1.7 - 150	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 (Per channel)	2.6
DG-2(10 Rollers)	0.0002 - 32 (Per channel)	2.6			