

## Model: BT501J, Basic Peristaltic Pump, 0.005 to 10mL/min

Acceptable pump heads are JY10 & D61x. The pump provides flow rates from 0.005 to 10mL/min. It can realize speed adjusting and direction changing and has functions of prime and external start/stop. It features compact size & easy to operate.



### Functions and Features

- Applicable pump heads: JY10 and DGtx (10 rollers)
- Prime key for fast filling and emptying
- Speed, start/ stop and direction can be controlled through membrane keypad or through external Control interface
- Memory function, storing the running parameters automatically
- Compact size, light weight and low power consumption
- Membrane keypad, easy to operate
- Good performance and low price
- At normal lab conditions

### Specifications:

Speed: 0.1 to 50.0 rpm, reversible  
 Speed precision: 0.1 rpm  
 Speed control: Membrane keypad  
 Display: 3-digit LED displays current rpm  
 Analog interface: Start/stop and cw/ccw control  
 Power supply: AC 220V ±10% 50/60 Hz (standard)  
 AC 110V ±10% 50/60 Hz (optional)  
 Power consumption: < 10 W  
 Operating condition: Temperature 0 to 40°C,  
 Relative humidity < 80%  
 Dimensions (LxWxH): 176x110x115 (mm)  
 Drive weight: 2.2 kg IP rating: IP 31

Pump Head	Flow Rates (mL/min)	Tubing	Weight (Kg)
JY10	0.05-10	0.5x0.8 1x1	2.4
DG1x (10 Rollers)	0.005-10	2x1 2.4x0.8	

## Model: BT3002J, Basic Peristaltic Pump, 0.07 to 1140mL/min

Acceptable pump heads for BT3002J are YZ1515X, YZ2515x, YZII15, YZII25, BZ25. The pump delivers flow rates from 0.07 to 1140 mL/min. The speed can be adjusted manually or automatically through external control interface. Store the running parameter automatically. Easy to operate.



### Functions and Features

- Applicable pump heads: YZ1515x, YZ2515x, YZII15, YZII25, BZ25 Prime button for fast filling and emptying
- Adjust speed manually or automatically through analog interface.
- Memory function, storing the running parameters automatically Equipped with Longer Dispensing Controller for filling function
- At normal lab conditions

### Specifications:

Speed: 0.1 to 50.0 rpm, reversible  
 Speed precision: 0.1 rpm  
 Speed control: Membrane keypad  
 Display: 3-digit LED displays current rpm  
 Analog interface: Start/stop and cw/ccw control  
 Power supply: AC 220V ±10% 50/60 Hz (standard)  
 AC 110V ±10% 50/60 Hz (optional)  
 Power consumption: < 10 W  
 Operating condition: Temperature 0 to 40°C,  
 Relative humidity < 80%  
 Dimensions (LxWxH): 176x110x115 (mm)  
 Drive weight: 2.2 kg IP rating: IP 31

## Model: BT1001J, Basic Peristaltic Pump, 0.05 to 290mL/min

Acceptable pump heads for BT1000 are YZ1515x, YZ2515x, YZ1515w, DG1x & D62x. The pump provides flow rates from 0.05 to 290 mL/min (single channel). The speed can be adjusted manually or automatically through external control interface. Store the running parameters automatically. Easy to operate.



### Functions and Features

- Applicable pump heads: YZ1515x, YZ2515x, YZII15, YZII25, OG1x, DG2x
- 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  
 Analog interface: Start/stop and cw/ccw control  
 0-5 V, 0-10 V, and 4-20 mA speed control  
 Power supply: AC 220V ±10% 50/60 Hz (standard)  
 AC 110V ±10% 50/60 Hz (optional)  
 Power consumption: < 22 W  
 Operating condition: Temp. 0 to 40°C, Relative humidity < 80%  
 Dimensions (LxWxH): 212x112x142 (mm)  
 Drive weight: 2.8 kg IP rating: IP 31

Pump Head	Tubing	Flow Rates (mL/min)	Weight (Kg)
YZ1515x, YZII15	13*, 14*, 19*, 16*, 25*, 17*	0.07-290	3.5
YZ2515x	15*	1.7-170	3.5
YZII25	15*	1.7-170	3.5
DG1x (6 Rollers)	0.5x0.8 1x1	0.06-30	3.0
DG1x (10 Rollers)		0.05-20	3.0
DG2x (6 Rollers)	2x1 2.4x0.8	0.06-30 (Per Channel)	3.1
DG2x (10 Rollers)		0.05-20 (Per Channel)	3.1

## Model: BT00300T, Basic Peristaltic Pump, 0.005 to 1140mL/min

Acceptable pump heads for BT00300T are YZ1515x, YZ2515x, YZII15, YZII25, DG4x. The pump delivers flow rates from 0.005 to 1140 mL/min. The speed can be adjusted manually or automatically through external control interface. It can be equipped with FK-1C dispenser for filling function. Store the running parameter automatically. Easy to operate.



### Functions and Features

- Applicable pump heads: YZ1515x, YZ2515x, YZII15, YZII25, D64x
- High torque and low power consumption Timing Function, realizing simple auto-dispensing and filling
- Half-current locking function Memory function, storing the running parameters automatically
- 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  
 Analog interface: Start/stop and cw/ccw control  
 0-5 V, 0-10 V, and 4-20 mA speed control  
 Power supply: AC 220V ±10% 50/60 Hz (standard)  
 AC 110V ±10% 50/60 Hz (optional)  
 Power consumption: < 22 W  
 Operating condition: Temp. 0 to 40°C, Relative humidity < 80%  
 Dimensions (LxWxH): 212x112x142 (mm)  
 Drive weight: 2.8 kg IP rating: IP 31