

Dispensing Peristaltic Pump

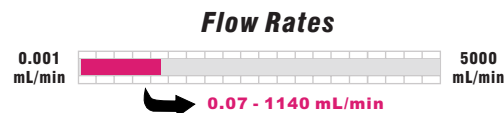
BT300-1F

The applicable pump heads for BT300-1F are YZ1515x, YZ2515x, YZ1515w. The pump delivers flow rates from 0.07 to 1140 mL/min. 128 x 64 graphic LCD displays running menus and parameters setting menus. The display interface is friendly. It has many control modes. The external control can be realized through standard external interface or 485 communication interface.



Functions and Features

- Applicable pump heads: YZ1515x, YZ2515x, YZ1515w
- Set pause time to realize dispensing and filling automatically
- Display can switch between flow rates and rpm
- Calibrate setting flow rates to acquire more accurate flow rates
- RS485 communication interface available. Offering communication protocol to customer and customizing software according to customer's requirements.



Flow Rate Dispensing



Specifications

- Speed: 1 to 300 rpm, reversible
- Speed precision: 1 rpm
- Speed control: Rotary coded switch coupled with membrane keypad
- Display: 128 × 64 graphic LCD displays current running status
- Copy number: 1 to 999
- Dispense volume: 0.1 mL to 99.9 L
- Pause time: 1 to 999 s
- Back suction angle: 0 to 360°, 18° increments
- Analog interface: Start/stop and cw/ccw control, 0 to 5 V, 0 to 10 V, and 4 to 20 mA speed control
- Communication interface: RS485
- Power supply:
 - AC 220 V ± 10% 50/60 Hz (standard)
 - AC 110 V ± 10% 50/60 Hz (optional)
- Power consumption: < 50 W
- Operating condition: Temperature 0 to 40 °C
Relative humidity < 80%
- Dimensions (L × W × H):
202 × 160 × 239 (mm)
- Drive weight: 4.3 kg
- IP rating: IP 31



Drive	Pump head	Tubing	Flow rates (mL/min)	Weight (kg)
BT300-1F	YZ1515x、YZ1515w	13# 14# 19# 16# 25# 17# 18#	0.07 - 1140	4.7
	YZ2515x	15# 24#	1.7 - 870	4.7

PERISTALTIC PUMP