

■ Digital Constant Transfer Peristaltic Pump—Q300

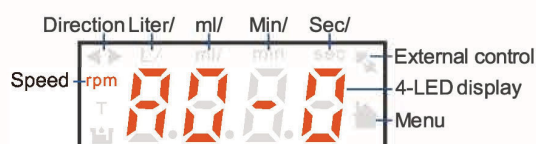
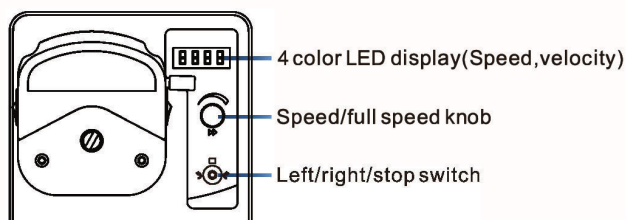
* Quick description

- **Drive Model:** Q300
- **Speed range :** 0.1-300 rpm(reversible)
- **Flow range :** 0.007~1140ml/min
- **Max channels :** 2
- **Foot pedal :** Yes
- **Pump Head :** YZ1515x, YZ2515x



* Operation Panel

* LED Display Interface



■ Product Composition&Flow Range

Pump head & Flow(ml/min)		
Model	YZ1515x	YZ2515x
BT300M		
Tube	13#14#19#16#25#17#18#	15#,24#
Flowrate 0.1-300 rpm	0.007~1140	0.17~870
Max channels	2	2

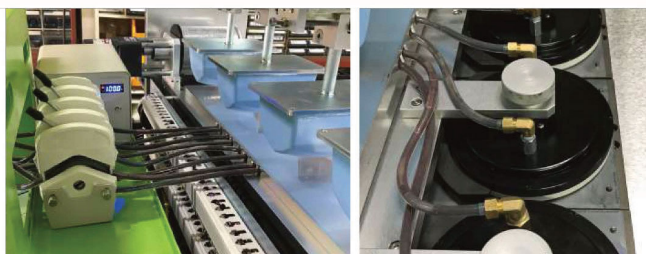
■ Q300 Technical Parameters

Technical Parameters			
Speed range	0.1~300rpm	speed resolution	0.1rpm
Flow range	0.007~1140ml/min	Filling Accuracy	<±0.5%
Flow calibration	Yes	Control Method	Rotary encoded knob
Display Mode	4-LED display speed /flow	Suckback angle	10°~720° (1° Stepping)
Suckback speed	10~100rpm	Power supply	AC220V±10% or AC110V±10%
Power consumption	<35W	Environment Temperature	0~40°C
Relatively Humidity	<80% No condensation	Drive size	234x154x143(mm)
Drive weight	4.3kg	Motor type	Stepper motor
IP grade	IP31	Working mode	Transmission mode
External control interface	DB-15	External control	Yes

Peristaltic pump Applications

* Customer case

- **Application:** ink transfer
- **Model:** Q300
- **Pump head:** 4*YZ1515x
- **Tube:** with tygon 2375 tube



Application: High precision transmission of intermediate, Transferring micro flow rates liquid with high precision, Applications in laboratories and research institutes etc.



peristaltic pump Features

Advantages

Digital Constant Transfer peristaltic pump :

- **4-LED display(Speed,velocity)**
- **Memory function:** Data will be stored in time after power off.
- **Flow calibration :** Calibrate with mearsure cup ,to ensure the filling accuracy .
- **Full speed:** Used for quick cleaning, filling and emptying tubes.
- **Suck back function:** Prevent liquid dripping and ensure fluid accuracy.
- **Remote control :** Support modbus protocol ,support analog control .Support Customized .
- The pump adopts Two-way high-torque low-power motor, it can install a variety of pump heads: YZ series, DG series, ZN series
- Support customized.

Packing List



Q300



Silicone tube



Plastic connector



Power plug



Foot switch



User manual

Accessories Selection



① Silicone tube



② Plastic connector



③ Check valve



④ Remote control cable



⑤ Needles

More accessories and more choices make peristaltic pump filling more convenient and efficient!