

BT100F

Peristaltic Pump

Lab1st PP series peristaltic pump adopts a newer and faster imported microprocessor, and cooperates with a high-torque stepper motor to achieve higher transmission accuracy. It's with 4.59 inch HD LCD touch screen display and operation, simple and convenient. And it has programmable function that can preset 30 groups of operating parameters. A variety of working modes are optional. It is ideal for timed and quantitative transfer of liquids.

Features

4.59 inch HD LCD touch screen display and operation, simple and convenient

4 working modes, flow transmission, time dispensing, liquid volume dispensing, programming dispensing (cycle)

It has standard functions such as positive and negative, start and stop, full speed, back suction, timing start and stop, etc.

Intelligent temperature control function, automatically adjust the heat dissipation according to the environment, so that the equipment is always in the best state

Support RS485 communication, MODBUS protocol;
Convenient connection with various control devices

Novel stainless steel shell, easy to clean, effectively prevent the erosion of various organic solvents



Parameters

Model	BT100F
——TECHNICAL DATA——	
Rotation Range [rpm]	0.1~150; ±0.2%
Speed Resolution [rpm]	0.1
Ambient Temperature [°C]	0 ~ 40°C
Optimum Ambient Humidity	< 80%
IP Grade	IP31
——FLOW MODE——	
Flow Range [ml/min]	0.0001~720
——DISTRIBUTION MODE——	
Distribution Range	0.05ml~9999L
Distribution Frequency Range	1~999 [0: limitless]
Interval Time	0.1~999s/min (or hr)
——ELECTRICAL REQUIREMENT——	
Voltage [V]	220V
Phase [P]	1P
Frequency [HZ]	50/60
Total Power [W]	<40

—CONNECTION—

External Control Interface

External Control Input 5V, 12V (Standard), 24V (option); External Control Analog 0~5V (Standard), 0~10V, 4~20mA (option)

Communication Interface

RS485; support MODBUS protocol

—PUMP HEAD—

Model

YT25 (Standard)

Channel QTY

1 (Standard), 2 (option)

Applicable Tube

15#, 24#, 35#, 36#

Single Channel Traffic [ml/min]

0.17~720

—WEIGHT | DIMENSION—

Unit Weight [Kg]

4.7

Intallation Dimension [mm]

260×161×186

Packages

W (mm)

CBM (m3)

D (mm)

Weight (kg)

H (mm)

* Technical details and dimensions are subject to change. No liability is accepted for errors or omissions. Illustrations can deviate from the original.