

LFPC302ST Multi-Functional Peristaltic Pump

Operation Instruction



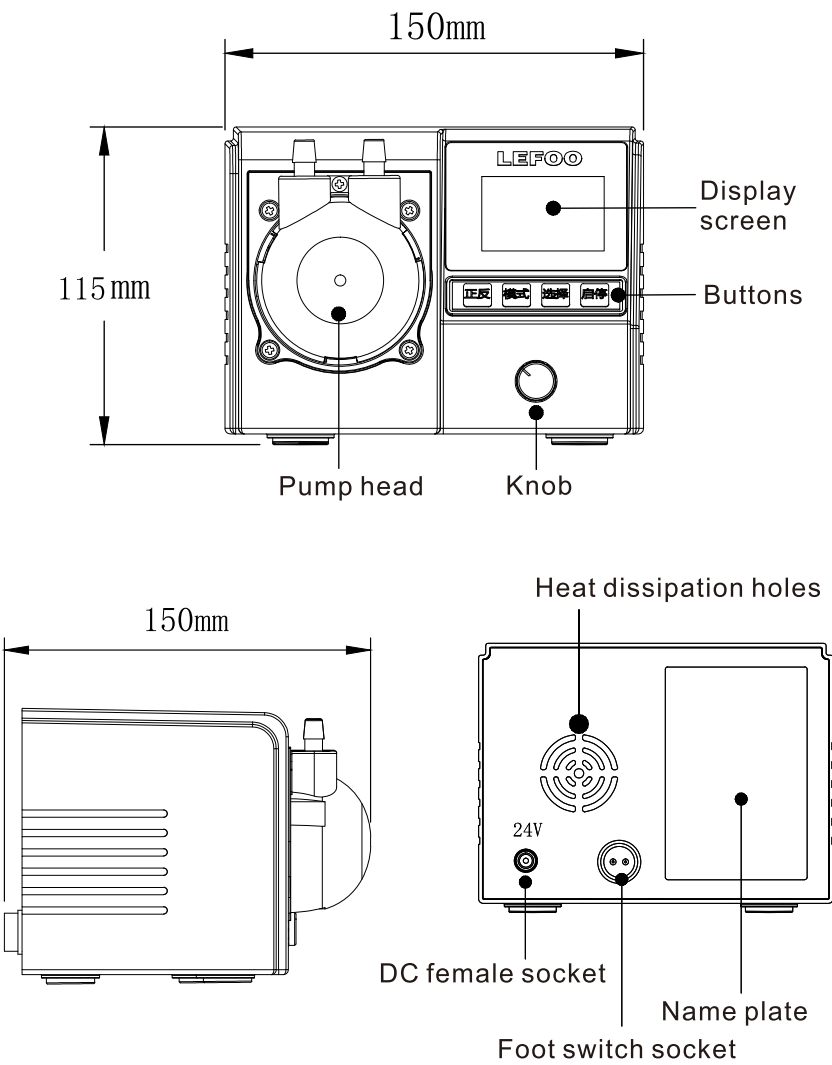
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Table of Contents

Dimension	01
Specifications	02
Buttons Function Introduction	03
Screen Operation Introduction	04
Set / Calibration	04
Speed Set / Flow	05
Time/Flow / Time/Time	06
Product List	07

Dimension



Specifications

Model	LFPC302ST
Tube Size	16# (BPT tube, Silicone tube, Viton tube)
	25# (BPT tube, Silicone tube, Viton tube)
	17# (BPT tube, Silicone tube, Viton tube)
Installation Method	Table type
Motor Type	Stepper Motor
Material	ABS with flame retardant grade
Flow Range	≤180mL/min
	≤340mL/min
	≤500mL/min
Power	≤20W
Weight	983g

Remark:

The above flow parameters are tested under the conditions of room temperature 23°C, standard atmospheric pressure, clean water, suction lift 0.2m, lift 0, and no pressure. For reference only.

Buttons Function Introduction

1.CW/CCW: Set the running direction of the pump.

Display "L" or "R" at the top of the screen, indicating clockwise/counterclockwise operation;

2.Mode: Switch screen pages (Set, Calibration, Speed Set, Flow, Time/Flow,Time/Time);

3.Select: Select the parameters you need to modify;

4.On/Off: Control the operation and stop of the pump (display "stop/start" in the upper right corner of the screen);

5.Knob: Rotate the knob to adjust the parameter values;
Press the knob down to control the operation and stop of the pump.

Screen Operation Introduction

1. Set

Set		
Type	302_17#	●
Speed	150.0 rpm	●
Brightness	3	●

302_17# — 302_25#
 302_16#
 1-5 — 1-300rpm

1. Type: Rotate the knob to select the tube size (17#, 25#, 16#).
2. Speed: Press the "Select" button to the "Speed" option, rotate the knob, and set the required running speed (1-300rpm).
3. Brightness: From 1 to 5, the larger the number, the brighter the screen.

2. Calibration

Calibration			Stop
Flow Cal	100.00	x1 ml	●
Test 1		x1 ml	●
Test 2		x1 ml	
Test 3		x1 ml	

Run clockwise/counterclockwise
 x1/x10"indicates adjusting the units/tens parameter values
 Start/Stop
 Calibration theoretical value (settable)
 Actual output volume (three times)

1. Flow Cal: 0.01m-500ml, this is theoretical value.
2. Test 1/2/3: Output the "actual volume".

3. Speed Set

Speed set			Stop
Speed	150.0	x1 rpm	●
Flow	320	ml/min	
Reflux	0.2		

Speed Regulation(1-300rpm)

1. Speed: It refers to the operating speed of the motor and can be adjusted in real time by rotating the knob (1-300rpm).
2. Flow: It refers to the flow rate corresponding to the rotational speed (for reference only, calculated by algorithm).
3. Reflux: It refers to the number of rotations in the reverse direction immediately after the pump stops running (to prevent dripping and leakage).

4. Flow

Flow			Stop
Set	150.0	x1 rpm	●
Reflux	0.2	laps	●
Speed	150	rpm	
Flow	320	ml/min	

Set the output flow rate
 Set the number of reflux turns (to prevent dripping and leakage at the outlet end)

1. Set: Set the output flow rate and adjust it by rotating the knob (0.01ml-500ml).
2. Reflux: It refers to the number of reflux turns after the pump stops running (to prevent dripping and leakage).
3. Speed: It refers to the operating speed of the motor, which is set by the previous settings.
4. Flow: It refers to the flow rate corresponding to the speed (for reference only, calculated by algorithm).

5. Time/Flow

Time/Flow	L	Stop
Wait-Time	0 : 0 : 5	
Flow	50.00	ml
Cycle	5	times

- 1.Wait-time: Set waiting time before the operation (hour/minute/second).
- 2.Flow: Set output fow (0.01m1-500ml).
- 3.Cycle: The waiting time and output volume form a cycle (1-99).

6. Time/Time

Time/Time	L	Stop
Wait-Time	0 : 0 : 5	
Run-Time	0 : 0 : 10	
Cycle	5	times

- 1.Wait-time: Set waiting time before the operation (hour/minute/second).
- 2.Run-time: Set running time (hour/minute/second).
- 3.Cycle: The waiting time and output volume form a cycle (1-99).

Product List

Porduct List	
Name	Quantity
Peristaltic Pump	1
Power Adaptor (24V)	1
Foot Switch (Optional)	1
Operation Instruuction	1
Certification	1