

Baoding Shenchen Precision Pump Co., Ltd.

Add: No.103, Building 2, Pivot Industrial Park, FuXing East Road, Baoding,China.

Website: www.good-pump.com

Tel: 0086-312-6780681

Fax: 0086-312-6780636

Intelligent Flow Rate Peristaltic Pump- Lab2015 Series

Model No.: Lab2015

Flow Rate
0.007~380mL/min

Drive: Lab2015
Pump head: YZ1515x

Suitable for 7 size tubing,
wall thickness 1.6mm

13# ID: 0.8mm
14# ID: 1.6mm
19# ID: 2.4mm
16# ID: 3.1mm
25# ID: 4.8mm
17# ID: 6.4mm
18# ID: 7.9mm

LAB
Intelligent Type

SHENCHEN

Profit Hot Model
Super low price

Touch screen control,
dynamic display

Acceptable Pump Head: YZ1515x, YZ2515x, SN Series, MC Series



New Features

1. Portable handheld design, feel comfortable and stable.
2. Delicate touch pen design.



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Celebrating "Baoding Peristaltic Pump Engineering Technology Research Center" officially established!

Celebrating "Baoding Peristaltic Pump Engineering Technology Research Center" co-established by Government and Baoding Shenchen Precision Pump Co., Ltd.

Shenchen Precision Pump achieves to great success in world market depends on technical strength, good cooperate reputation, high quality and unique patented products, and received a lot of attention from Baoding government, Technology Bureau, especially Mayor. After survey, investigation and many times judgment of Shenchen by specialists and professional users, Government and Baoding Shenchen Precision Pump Co., Ltd co-establish "Baoding Peristaltic Pump Engineering Technology Research Center" which is the only authority research institution in Baoding peristaltic pump industry.



Product Introduction:

Intelligent type flow rate peristaltic pump, with ABS engineering plastic housing, streamlined body design. Industrial grade 4.3 inch true color LCD screens display, touch screen control. Speed range is 0.1-100rpm; flow rate range is 0.000067-380ml/min. Dynamic display transferring status. Flow rate data, setting parameters and system configuration display in the same screen. Intelligent calibration and online micro adjusting function. 3 kinds of working mode: fixed volume metering, fixed time and volume, timer start and stop, meet different transferring and dispensing request. It is the ideal choice for laboratory, instrument and industrial production.

Function and Features:

1. Imported 4.3 inch - industrial grade - true color LCD screen , clear picture quality. Dynamic display real-time working status. The flow rate, motor speed, setting parameters and system configuration display in the same screen.
2. Imported touch screen control, high hardness, resisting scratch, high sensitivity, attention to users experience.
3. Stepper motor drive, control precisely.
4. Shenchen-V-CIR circuit system all use imported chips, computing fast, reliable performance, working stable.
5. Shenchen-V-EMB operation system, embedded software design, powerful function, friendly interface, attention to users' experience.

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6. **Intelligent calibration** function, it can calibrate the flow rate and dispensing volume, ensure the flow accuracy, suitable for high accuracy transferring liquid.
7. **Fixed volume measurement** function: After turn on this function, the peristaltic pump will measure the liquid volume automatically; it will stop automatically after the volume reaches the set value. During this process, the flow rate can be changed. It is suitable for laboratory liquid dosing and chemical reaction process.
8. **Fixed time and volume** function: After turn on this function, the peristaltic pump will transfer preset volume within preset time. It is suitable for liquid dispensing in laboratory and industrial production.
9. **Timer start and stop** function: Can set the pump start and stop time freely, reach automation control.
10. On-line micro adjusting function, it can adjust the flow rate during production progress, to avoid the filling errors because of tubing fatigue and elasticity decreased.
11. **Unique accurate angle control** technology, achieve high accuracy dispensing and dosing.
12. Fast filling function can wash the tubing and also fill fluid into the tubing.
13. Power down memory function, store the running parameters in time, safe and reliable.
14. Automatical temperature control system, reduce the noise of fan effectively.
15. **Strong anti-jamming feature**, wide voltage design, suitable for complex power supply environment.
16. Circuit board spray with three paint, anti-dust, anti-moisture, anti-static, resist corrosion.

Technical Specification:

<u>Flow rate range</u>	<u>Lab2015: 0.000067-380 ml/min</u>
<u>Speed range</u>	<u>0.1-100rpm</u>
<u>Speed resolution</u>	<u>0.01rpm</u>
<u>Flow rate resolution</u>	<u>0.001μl</u>
<u>Flow rate accuracy</u>	<u>±0.5%</u>
<u>Back suction angle</u>	<u>0-360°</u>
<u>Output pressure</u>	<u>0.1Mpa (0.86-1.0mm wall thickness tubing)</u> <u>0.1-0.27Mpa (1.6-2.4mm wall thickness tubing)</u>
<u>Motor type</u>	<u>Stepper motor</u>
<u>Circuit system</u>	<u>Shenchen-V-CIR</u>
<u>Operation system</u>	<u>Shenchen-V-EMB</u>
<u>Display</u>	<u>4.3 inch industrial grade true color LCD screen</u>
<u>Control method</u>	<u>Touch screen and membrane keypad</u>

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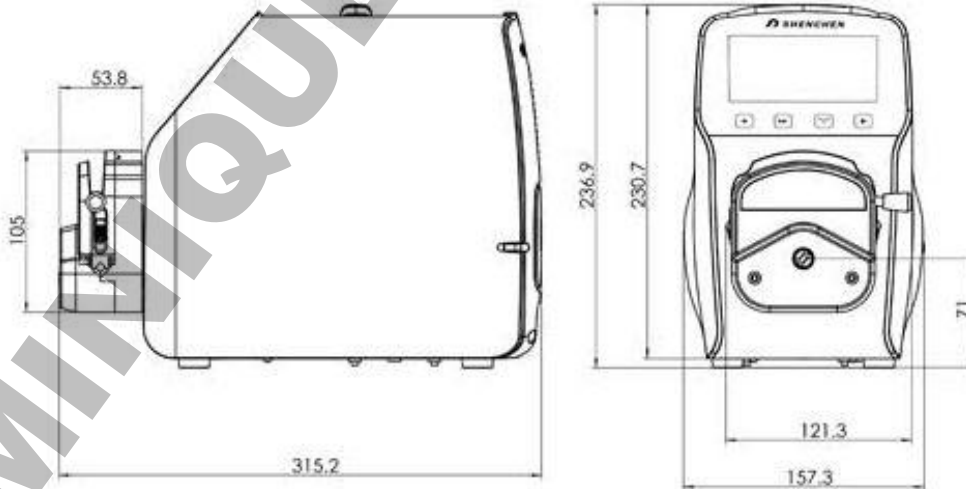
Fax: 0086-312-6780636

Power supply	AC220V 10%, 50Hz/60Hz (standard) AC110V 10%, 50Hz/60Hz (standard)
Drive dimension	260 x 155 x 230mm (L x W x H)
Drive weight	5.12kg
Power consumption	<50W
Environment temperature	0-40°C
Relative humidity	<80%
IP rate	IP31

Product Composition and Flow Rate:

Drive	Speed Range	Pump Head	Tubing Size	Flow Rate (mL/min)
Lab 2015	0.1-100rpm	YZ1515x	13#, 14#, 19#, 16#, 25#, 17#, 18#	0.007~380
		YZ2515x	15#, 24#	0.17~290
		MC1-MC12	ID:0.13-3.17mm, Wall thickness: 0.8-1.0mm	0.000067-32
		SN25/15	14#, 16#, 25#	0.024-250

Product Dimension



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