



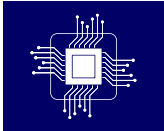
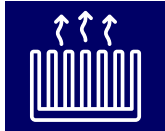






DIGITAL INTELLIGENT CONTROL PUMP SYSTEM PERISTALTIC PUMP

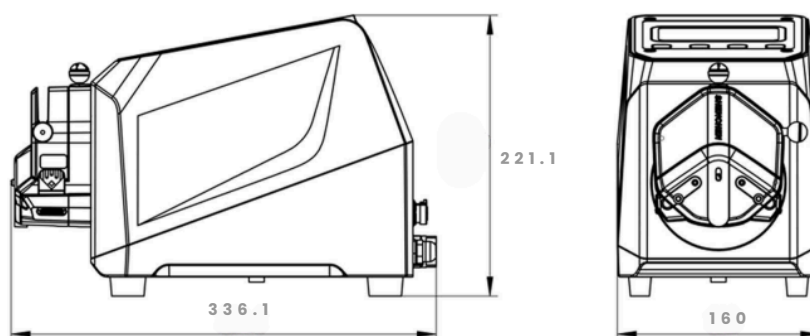
Rugged | Intelligent control | IP67

A rugged peristaltic pump with an IP67-rated shell, designed to handle extreme heat and humidity. It features an intelligent control system supports both transferring and dispensing functions, ensuring reliable performance in tough environments including Pharmaceutical, Cell Culture, Mining, Environmental monitoring, Water Treatment among others.

Features

- | | | | |
|---|---|--|---|
|  | IP67
Ensures durability and long-term stability in operations |  | Intelligent System
Touch screen & buttons ensure you have complete control & info |
|  | Circuit Isolation
Reduces electromagnetic interference & accidental damage |  | Efficient Cooling
Aluminum Alloy body enables excellent heat dissipation |
|  | Stringent Security
3 levels of security access ensures secure operations |  | OHS Safety Feature
Open Head Sensor feature protects users during operations |
|  | Dynamic Display
Displays running status & real-time info including parameters |  | Multi-Control
Multiple external control methods easily meet remote control needs |

Dimension



Contact Us

☎ 040-45210400

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Specifications

Pump Model	LabINTL-I	LabINTL-II
Part No.	BP902019-205	BP902019-206
Flow Rate	0.0053 - 2580 ml/min	0.18 - 3100 ml/min
Motor Speed	0.1-600 rpm	
Dispensing Mode	Dispensing: Set volume, time, repeat numbers, pause time Dispensing: set volume, flow rate, repeat numbers, pause time Speed dispensing: set speed (rpm), time, repeat numbers, pause time	
Transfer Mode	Continuous operation at set flow rate and speed	
Dispensing Volume Range	0.1ml - 9999L	
Dispensing Time Range	0.1s - 9999h	
Pause Time	0.5s-9999h	
Repeat Numbers	1-9999 times, 0 means unlimited times	
Suction Back Angle	0-360°	
Working Modes	Transfer, Dispensing, (Fixed Volume Dispensing, Speed Dispensing)	
Control modes	Touch screen, mechanical keypad, external control signal control, communication control	
Control	RS485, Modbus protocol (RTU mode)	
Housing Enclosure	Aluminum alloy	
IP Rating	IP67	
Dimensions (LxWxH)	274mm x 160mm x 221mm	
Power Supply	110-220V AC, 50/60Hz	
Weight	6.2kg	



*Note: Actual performance of dispensing accuracy may vary depending on certain conditions

Tube Size	Flow rate (ml/min) with 1.6 mm tubing wall thickness	Flow rate (ml/min) with 2.4 mm tubing wall thickness
0.8 mm	0.005 - 32	-
1.6 mm	0.027 - 162	-
3.1 mm	0.093 - 560	-
4.8 mm	0.196 - 1180	0.18 - 1080
6.4 mm	0.333 - 2000	0.27 - 1640
7.9 mm	0.43 - 2580	0.38 - 2300
9.6 mm	-	0.51 - 3100

Accessories

Pump Head (1.6 mm WT) with Sensor	BP902017-305
Pump Head (2.4 mm WT) with Sensor	BP902017-306
Mounting Hardware (max. 2 pump heads)	BP902017-105

We also offer end-to-end Fluid management solutions including

Tubing | Fittings | Connectors
and more...

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