

labodam



# DISPENSING PERISTALTIC PUMP

## LD-LDPP-B1-SERIES

(Two Channel)

◀◀ info@labodam.com

◀◀ www.labodam.com

Dispensing peristaltic pump LD-LDPP-B1 series are dual channeled pumps equipped with a touch screen controller that allows monitoring of parameters and change of speed. Equipped with advanced features such as flow rate calibration and anti-drip function. Four operational modes available for easy functioning. Easy dispense mode to dispense the recorded volume by one touch DISPENSE key. Intelligent cooling fan control helps in minimizing the work noise.

### Features:

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- Operational modes: Volume Dispense, Time Dispense, Copy Dispense and Flow Mode
- LCD display for monitoring parameters
- Anti-drip function ensuring dispense accuracy
- Speed resolution: 0.1 rpm
- Adjustable rotating speed
- Intelligent temperature control minimizing working noise
- Reversible operation allowing pumping in both directions
- Multi channels with interchangeable pump heads for varied applications
- Easy liquid auto dispensation by time or volume
- Internal double layer isolation
- Dust and moisture proof circuit board
- Optional remote infrared control
- Robust and protected with ABS plastic housing
- Low noise operation

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### Specifications:

Model No.	LD-LDPP-B10	LD-LDPP-B11	LD-LDPP-B12
Flow Range	0.006 ~ 2900 mL/min	0.06 ~ 6000 mL/min	0.06 ~ 6000 mL/min
Flow Accuracy	0.2 %.	0.5 %	
Speed Range	0.1 ~ 600 rpm		
No. of Channel	2		
Speed Resolution	0.1 rpm		
Ambient Temperature	0 ~ 40°C		
Relative Humidity	< 80 %		
IP grade	IP 31		
Power supply	AC 220 V ±10 % , 50 Hz / 60 Hz		
Power Consumption	< 60 W	< 200 W	< 100 W
Dimensions ( L x W x H )	226 x 150 x 238 mm	286 x 180 x 230 mm	330 x 220 x 235 mm
Weight	5.2 kg	6.2 kg	7.1 kg

### Pump Heads and Tubing:

Model No.	Suitable Pump Head	Channel	Tubing Size ( mm )	Flow rate (mL/min) per channel
LD-LDPP-B10	AB1	1	Wall : 0.8 ~ 1	0.006 - 1700
	AB2	1	Wall : 0.8 ~ 1	0.16 - 1700
	AB3	2	Wall : 0.8 ~ 1	0.006 - 1700
	AB4	2	Wall : 0.8 ~ 1	0.16 - 1700
	AB5	1	Wall : 0.8 ~ 1	0.006 - 2300
	AB6	1	Wall : 0.8 ~ 1	0.16 - 2900

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	AB7	2	Wall : 0.8 ~ 1	0.006 - 2300
LD-LDPP-B11	BA1	1	Wall : 0.8 ~ 1	0.06 - 1700
	BA2	1	Wall : 0.8 ~ 1	1.7 - 1700
	BA3	2	Wall : 0.8 ~ 1	0.06 - 1700
	BA4	2	Wall : 0.8 ~ 1	1.7 - 1700
	BA5	1	Wall : 0.8 ~ 1	0.06 - 2300
	BA6	1	Wall : 0.8 ~ 1	1.7 - 2900
	BA7	2	Wall : 0.8 ~ 1	0.06 - 2300
	BA8	2	Wall : 0.8 ~ 1	1.7 - 2900
	BA9	1	Wall : 0.8 ~ 1	2.5 - 6000
	LD-LDPP-B12	AB1	1	Wall : 0.8 ~ 1
AB2		1	Wall : 0.8 ~ 1	1.7 - 1700
AB3		2	Wall : 0.8 ~ 1	0.06 - 1700
AB4		2	Wall : 0.8 ~ 1	1.7 - 1700
AB5		1	Wall : 0.8 ~ 1	0.06 - 2300
AB6		1	Wall : 0.8 ~ 1	1.7 - 2900
AB7		2	Wall : 0.8 ~ 1	0.06 - 2300
AB8		2	Wall : 0.8 ~ 1	1.7 - 2900
AB9		1	Wall : 0.8 ~ 1	2.5 - 6000