



Touch screen controller

Flow rate calibration and anti-drip function

Dispensing Peristaltic Pump LDPP-A1 Series

(One Channel)



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Dispensing peristaltic pump LDPP-A1 series are equipped with a touch screen controller that allows monitoring of parameters and change of speed. Equipped with a flow rate of 0.006 to 1600 mL/min and 0.006 ~ 2900 mL/min and advanced features such as flow rate calibration and anti-drip function. Four operational modes available for easy functioning. Intelligent cooling fan control helps in minimizing the work noise

Features

- 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	LDPP-A10	LDPP-A11
Flow Range	0.006 ~ 1600 mL/min	0.006 ~ 2900 mL/min
Flow Accuracy	0.2 %	0.2 %
Speed Range	0.1 ~ 350 rpm	0.1 ~ 600 rpm
No of channel	1	1
Speed Resolution	0.1 rpm	0.1 rpm
Ambient Temperature	0 ~ 40°C	0 ~ 40°C
Relative Humidity	< 80 %	< 80 %
IP grade	IP 31	IP 31
Power supply	AC 220 V \pm 10 %, 50 Hz / 60 Hz	AC 220 V \pm 10 %, 50 Hz / 60 Hz
Power Consumption	< 40 W	< 50 W
Dimensions (L x W x H)	257 x 182 x 198 mm	257 x 182 x 198 mm
Weight	5.3 kg	5.5 kg

Pump Heads and Tubing

Model No	Suitable Pump Head	Channel	Tubing Size (mm)	Flow rate (mL/min) per channel
LDPP-A10	AB1	1	Wall : 0.8 ~ 1	0.006 - 990
	AB2	1	Wall : 0.8 ~ 1	0.16 - 990
	AB3	1	Wall : 0.8 ~ 1	0.006 - 1300
	AB4	1	Wall : 0.8 ~ 1	0.16 - 1600
LDPP-A11	BA1	1	Wall : 0.8 ~ 1	0.006 - 1700
	BA2	1	Wall : 0.8 ~ 1	0.16 - 1700
	BA3	1	Wall : 0.8 ~ 1	0.006 - 2300
	BA4	1	Wall : 0.8 ~ 1	0.16 - 2900