

 LABTRON

Variable Speed Peristaltic Pump LVSP-A1 series

(One Channel)



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Variable Speed Peristaltic Pump LVSP-A1 series are single channel precise dispensing peristaltic pumps to meet laboratory liquid handling needs. Equipped with varied flow range and speed accuracy it allows reversible operation to pump in both directions. Provides high levels of volumetric accuracy without contaminating the fluid during the operation. Interchangeable pump heads help in delivering smooth and low pulse flows.

Features

- » Digital speed indication
- » Autosave's running parameters on power or system failure
- » Reversible operation allowing pumping in both directions
- » Easy liquid auto dispensation by time or volume
- » Multi channels with interchangeable pump heads for varied applications
- » Dust and moisture proof circuit board
- » Adjustable rotating speed
- » Robust and protected with ABS plastic housing
- » Low noise operation

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Specifications

Model	LVSP-A10	LVSP-A11
Flow Range	0.006 ~1600 mL / min	0.006 ~ 2900 mL / min
Flow Accuracy	0.5 %	0.5 %
Speed Range	0.1 ~ 350 rpm	0.1 ~ 600 rpm
No of channel	1	1
Speed Resolution (0.1 ~ 100 rpm)	0.1 rpm	0.1 rpm
Speed Resolution (100 ~ 350 rpm)	1 rpm	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 ±10 %, 50 Hz / 60 Hz	AC 220 V ± 10 %, 50 Hz / 60 Hz
Power Consumption	< 40 W	< 50 W
Dimensions (L x W x H)	260 x 181 x 198 mm	260 x 181 x 198 mm
Weight	4.7 kg	4.9 kg

Pump Heads and Tubing

Model No	Suitable Pump Head	Channel	Tubing Size (mm)	Flow rate (mL/min) per channel
LVSP-A10	ABO1	1	Wall : 0.8 ~ 1	0.006 - 990
	ABO2	1	Wall : 0.8 ~ 1	0.16 - 990
	ABO3	1	Wall : 0.8 ~ 1	0.006 - 1300
	ABO4	1	Wall : 0.8 ~ 1	0.16 - 1600
LVSP-A11	BAO1	1	Wall : 0.8 ~ 1	0.006 - 1700
	BAO2	1	Wall : 0.8 ~ 1	0.16 - 1700
	BAO3	1	Wall : 0.8 ~ 1	0.006 - 2300
	BAO4	1	Wall : 0.8 ~ 1	0.16 - 2900