



Variable Speed Peristaltic Pump LVSP-A1 series (Two Channel)

Variable Speed Peristaltic Pump LVSP-B1 series

Variable Speed Peristaltic Pump LVSP-B1 series are dual channeled 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-B10	LVSP-B11
Flow Range	0.00011 - 190 mL / min	0.00011 - 480 mL / min
Flow Accuracy	0.5 %.	0.5 %
Speed Range	0.1 - 50 rpm	0.1 - 100 rpm
No of channel	2	2
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	< 25 W	< 25 W
Dimensions (L x W x H)	225 x 132 x 128 mm	225 x 132 x 128 mm
Weight	2.7 kg	2.7 kg

Model	LVSP-B12	LVSP-B13
Flow Range	0.006 - 2900 mL / min	3 - 6000 mL / min
Flow Accuracy	0.5 %.	3 %
Speed Range	0.1 - 600 rpm	30 - 600 rpm
No of channel	2	2
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	< 60 W	< 200 W
Dimensions (L x W x H)	226 x 150 x 238 mm	330 x 220 x 235 mm
Weight	5.2 kg	7.1 kg

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Pump Heads and Tubing's

Model No	Suitable Pump Head	Channel	Tubing Size (mm)	Flow rate (mL/min) per channel
LVSP-B10	ABO1 (10 roller)	1	Wall : 0.8 ~ 1	0.00011 - 13
	ABO2 (10 rollers)	2	Wall : 0.8 ~ 1	0.00011 - 13
	ABO3	2	Wall : 0.8 ~ 1	0.0002 - 41
	ABO4	2	Wall : 0.8 ~ 1	0.0002 - 41
	ABO5	1	Wall : 0.8 ~ 1	0.006 - 140
	ABO6	1	Wall : 0.8 ~ 1	0.006 - 190
LVSP-B11	ABO1 (6 rollers)	1	Wall : 0.8 ~ 1	0.00016 - 26
	ABO2 (10 rollers)	1	Wall : 0.8 ~ 1	0.00011 - 20
	ABO3 (6 rollers)	2	Wall : 0.8 ~ 1	0.00016 - 26
	ABO4 (10 rollers)	2	Wall : 0.8 ~ 1	0.00011 - 20
	ABO5	1	Wall : 0.8 ~ 1	0.0002 - 82
	ABO6	2	Wall : 0.8 ~ 1	0.0002 - 82
	ABO7	1	Wall : 0.8 ~ 1	0.006 - 280
	ABO8	1	Wall : 0.8 ~ 1	0.16 - 280
	ABO9	1	Wall : 0.8 ~ 1	0.006 - 380
	ABO10	2	Wall : 0.8 ~ 1	0.16 - 480
LVSP-B12	ABO1	1	Wall : 0.8 ~ 1	0.006 - 1700
	ABO2	1	Wall : 0.8 ~ 1	0.16 - 1700
	ABO3	2	Wall : 0.8 ~ 1	0.006 - 1700
	ABO4	2	Wall : 0.8 ~ 1	0.16 - 1700
	ABO5	2	Wall : 0.8 ~ 1	0.047 - 1600
	ABO6	1	Wall : 0.8 ~ 1	0.006 - 2300
	ABO7	1	Wall : 0.8 ~ 1	0.16 - 2900
	ABO8	2	Wall : 0.8 ~ 1	0.006 - 2300

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LVSP-B13	AB01	1	Wall : 0.8 ~ 1	3 - 2300
	AB02	1	Wall : 0.8 ~ 1	50 - 1700
	AB03	2	Wall : 0.8 ~ 1	3 - 1700
	AB04	2	Wall : 0.8 ~ 1	50 - 1700
	AB05	1	Wall : 0.8 ~ 1	80 - 6000
	AB06	2	Wall : 0.8 ~ 1	14 - 1600
	AB07	1	Wall : 0.8 ~ 1	3 - 2300
	AB08	1	Wall : 0.8 ~ 1	50 - 2900
	AB09	2	Wall : 0.8 ~ 1	3 - 2300
	AB10	2	Wall : 0.8 ~ 1	50 - 2900