



LABTRON

Dispensing Peristaltic Pump LDPP-D10

(24 Channel)

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Dispensing Peristaltic Pump LDPP-D10

Dispensing peristaltic pump LDPP-D10 is a twenty-four channeled pump 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 high productive efficiency and separating fluid to number of equal parts. Easy dispense mode to dispense the recorded volume by one touch DISPENSE key. Intelligent cooling fan control helps in minimizing the work noise. Built in no maintenance high torque brushless motor.

Features

- » Operational modes : Volume Dispense, Time Dispense, Copy Dispense and Flow Mode
- » LCD display for monitoring parameters
- » Anti-drip function ensuring dispense accuracy
- » Automatic storage of 5 group parameters in 3 working modes
- » 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-D10 |
|--------------------------|-------------------------------------|
| Flow Range | 0.00011 ~ 1700 mL/min |
| Flow Accuracy | 0.5 %. |
| Speed Range | 0.1 ~ 150 rpm |
| No of channel | 24 |
| Speed Resolution | 0.1 rpm |
| Ambient Temperature | 0 ~ 40°C |
| Relative Humidity | < 80 % |
| IP grade | IP 31 |
| Power supply | AC 220 V \pm 10 % , 50 Hz / 60 Hz |
| Power Consumption | < 60 W |
| Dimensions (L x W x H) | 285 x 250 x 195 mm |
| Weight | 6.5 kg |

Pump Heads and Tubing

| Model No | Suitable Pump Head | Channel | Tubing Size (mm) | Flow rate (mL/min) per channel |
|----------|--------------------|---------|--------------------|--------------------------------|
| LDPP-C10 | AB1 | 8 | Wall : 0.8 ~ 1 | 0.00016 - 26 |
| | AB2 | 8 | Wall : 0.8 ~ 1 | 0.00011 - 20 |
| | AB3 | 12 | Wall : 0.8 ~ 1 | 0.00016 - 26 |
| | AB4 | 12 | Wall : 0.8 ~ 1 | 0.00011 - 20 |
| | AB5 | 16 | Wall : 0.8 ~ 1 | 0.00016 - 26 |
| | AB6 | 16 | Wall : 0.8 ~ 1 | 0.00011 - 20 |
| | AB7 | 24 | Wall : 0.8 ~ 1 | 0.00016 - 26 |
| | AB8 | 24 | Wall : 0.8 ~ 1 | 0.00011 - 20 |
| | AB9 | 8 | Wall : 0.8 ~ 1 | 0.0002 - 82 |
| | AB10 | 1 | Wall : 0.8 ~ 1 | 0.006 - 420 |
| | AB11 | 1 | Wall : 0.8 ~ 1 | 0.16 - 420 |
| | AB12 | 2 | Wall : 0.8 ~ 1 | 0.006 - 420 |
| | AB13 | 2 | Wall : 0.8 ~ 1 | 0.16 - 420 |
| | AB14 | 1 | Wall : 0.8 ~ 1 | 0.006 - 570 |
| | AB15 | 1 | Wall : 0.8 ~ 1 | 0.017 - 720 |
| | AB16 | 2 | Wall : 0.8 ~ 1 | 0.006 - 570 |
| | AB17 | 2 | Wall : 0.8 ~ 1 | 0.017 - 720 |
| | AB18 | 1 | Wall : 0.8 ~ 1 | 0.05 - 400 |
| | AB19 | 2 | Wall : 0.8 ~ 1 | 0.05 - 400 |
| | AB20 | 4 | Wall : 0.8 ~ 1 | 0.05 - 260 |
| | AB21 | 1 | Wall : 0.8 ~ 1 | 0.25 - 1200 |
| | AB22 | 1 | Wall : 0.8 ~ 1 | 0.3 - 1700 |