



- Bacterial/Cell Culture
- Animal Heart Perfusion
- Liquid Addition for Synthetic Reaction, Liquid Discharge
- TFF Ultrafiltration
- Liquid Supply for Coating and Granulation
- Laboratory Dispensing
- Quantitative Transfer

Dispensing Peristaltic Pump DPP150

A peristaltic pump is a type of pump that uses a rotating mechanism to move fluid through a flexible tube, offering low shear, accurate dosing, and minimal contamination risk.

Dispensing Peristaltic Pump can easily realize stepless speed regulation, especially designed for Modern Laboratories, Industrial Production, Agriculture, and other sectors



E - Catalogue

SALIENT FEATURES

- ✦ 128x32 LCD screen, simple parameter setting, intuitive status display.
- ✦ Function - start and stop, speed regulation, timing
- ✦ Delay start and delay stop function.
- ✦ Start/stop, reversible direction, full speed, adjust speed, state memory (power-down-memory).
- ✦ External analog speed regulation, external control signal control start and stop, positive and negative, physical isolation of external control signal.
- ✦ External control signal supports 5-24v wide voltage input.
- ✦ External speed control signal type (voltage or current) can be switched through the control panel.
- ✦ RS485 communication interface, MODBUS protocol is available, support communication parameter setting easy to connect other equipments.
- ✦ Circuit board with conformal coating makes it dust-proof and moisture-proof.
- ✦ Super anti-interference feature, wide input voltage range, acceptable for the complex power environment .
- ✦ ABS plastic housing, creative streamlined appearance, beautiful and simple

Dispensing Peristaltic Pump

HSN Code : 90275090

SPECIFICATIONS

| MODEL | DPP150 |
|-----------------------------|---|
| Flow range | 0.005 - 641 ml/min |
| Speed range | 0.1~150rpm |
| Speed resolution | 0.1rpm (speed ≤100rpm) |
| | 1rpm (speed >100rpm) |
| Speed accuracy | <±0.2 % |
| Timer | Available |
| Communication interface | RS485 communication interface, MODBUS protocol is available |
| Display | LCD |
| Display Size | 128 x 32mm |
| Standard Tube | 18# |
| Power consumption | <30W |
| Delay Start / Stop Function | Available |
| Ambient Temperature | 10°C ~ 40°C |
| Relative Humidity | <80% |
| IP grade | IP31 |
| Circuit Board | Dust & Moisture proof |
| Housing | ABS Plastic |
| Pump Head / Channel | 1 |
| Power supply | AC 240V 50/60Hz |
| Packing Dimension (L×W×H) | 284 × 180× 197mm |
| Gross Weight | 4kg |

★ Specifications are subject to change without notice.

Optional Tube:

| Tube \ Speed | 13# | 14# | 19# | 16# | 25# | 17# | 18# |
|--------------|--------|-------|------|-------|------|------|------|
| 0.1 | 0.0050 | 0.020 | 0.05 | 0.080 | 0.19 | 0.30 | 0.43 |
| 1 | 0.050 | 0.20 | 0.50 | 0.80 | 1.9 | 3.0 | 4.3 |
| 30 | 1.5 | 6.0 | 15 | 24 | 57 | 90 | 128 |
| 50 | 2.5 | 10 | 25 | 40 | 95 | 150 | 214 |
| 100 | 5.0 | 20 | 50 | 80 | 190 | 300 | 427 |
| 150 | 7.5 | 30 | 75 | 120 | 285 | 450 | 641 |

STANDARD ACCESSORIES : Main Instrument, Silicon Tube, Standard Pump Head, Power Cord, Instruction Manual, Test Certificate