DINKO
Instruments

DIGITAL DISPENSING PERISTALTIC PUMP MODEL D-300

Pump head D-300/253D-3r, 3 rollers.

The 300 peristaltic pumps are intelligent, combining flow, timing and dosing functions.

They can be operated manually or controlled by external signal or foot switch. They have a full-speed emptying and adjustable anti-drip function. High-definition LCD screen displays speed, flow rate, operating parameters, and other information.

It is multifunctional with the advantages of simple operation, stable, reliable, long-term continuous performance, and ability to save input working parameters.

It is suitable for bioengineering, chemistry, pharmaceutical, hospital, food, fluid production and research unit laboratories.

SPECIFICATIONS

Speed range: 0.1 - 300rpm. Resolution: 0.1rpm.
Outlet pressure: 2 bar
Control panel: membrane (ON-Pause), Reverse flow, Maximum flow + Coded switch + RPM control.
Functions: Manual, automatic control, timing, dosing, remote control, purge, suction and calibration.
Connection for pedal and pedal (foot switch)
Remote control modes: 0 →5V, 0 →10V, 4 →20mA, ModBus communication protocol.
Display: full color LCD.
Power: AC100...220V, 50/60 Hz, 3.0A/ Power: <200W.
Environmental conditions: Temperature, 0→60ºC; Humidity, < 85%RH
Motor: DC brushless gear motor with step-by-step driver.
253-3r head for tubes: 6.4mm ID (24#); 8.0mm (35#); 9.6mm (36#). 2.4mm. WT
Dimensions: 240mm L x 160mm W x 323mm H. Weight: 3.6kg / Protection: IP31

Table of indicative flow rates per tube diameter and revolutions

Pump D-300 / 253D-3r

Flow ▼	8.0mm	9.6mm	◄ ID tube
ml /1rpm	8.71	10.00	
ml/ 300rpm	2400	3000	

Revolution resolution: 0.1. Maximum revolutions: 300.

Ordering Information

Code ▼	Articles
1.9746.60	Digital Dispensing Peristaltic Pump. Mod. D-300/253D-3r, 100...230V 50/60Hz
1.0078.40	Pump head 253D-3r
1.8762.80	Silicone tube 8.0mm ID, 2.4mm TW - (35#), 1 meter
1.8762.96	Silicone tube 9.6mm ID, 2.4mm TW - (36#), 1 meter

Distributor:

www.dinko.es

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