

	FlexiPump® Fast liquid distribution	Ref. 561 000
	FlexiPump® is a liquid dispenser (peristaltic pump) used in labs for serial liquid dispensing such as culture media, agar or any liquid solution. Very compact (16 cm wide), remarkable for its user-friendly functions and great ergonomic, FlexiPump® guarantees efficiency and safe lab work.	

MAIN CHARACTERISTICS

► Accurate and repeatable dose dispensing

Great tool when you have many tubes, Petri dishes or containers to fill, with high requirements in precision (up to 1%) and sterility.

► Contamination free

The nozzle, secured with a silicon cap, the tubing and the bottle filled with media can be autoclaved all together at 121°C to guaranty a sterile dispensing of your media, and allow full security for your analyses.

► Dispensing comfort with the Handy gun (option)

- can be hold in 3 positions (pen, mouse or gun) for tubes, Petri dish and bottles
- improves dispensing control with the electronic start button
- smart magnetic holder on the FlexiPump® for storage

► Precise flow control

- Dispenses liquid from 50 µL to 99.9L
- meets ISO 6887-1 and ISO 7218 standards
- FlexiPump typical precision with 3.2mm ID tube:
9mL: 1.8% 18mL: 1% 225mL: 0.5%

► User friendly interface

- 3 modes and 32 programs adapted to your application with the digital control screen.
- Rotating button to quickly navigate and create your programs.

► Maintenance free

Long lasting powerful brushless stepping motor with no wearing parts

► Compact and durable

- only 16 cm wide
- stainless steel body
- heavy duty polycarbonate top shell

► Easy calibration

- Step by step guiding instructions
- user's choice for calibration volume
- can be done quickly by everyone in the lab

► 3 distribution modes

- Continuous
- Dose (predetermined volume)
- Multi-dose (predetermined volume, with a pause between each dose)

FlexiPump:

- single pump head with 3 rollers
- delivered with 1 dispensing assembly
- flow rate up to 1,25L/min

TECHNICAL SPECIFICATIONS

Single Waston Marlow pump head (3 rollers)
Dose volume : 50 µL to 99.9 L
Flow rates (mL/min) 1,5 mL/min to 1.25 L/min
Pump head rotating speed: RPM : 10 to 550
Accepted tube inner diameter (ID): from 1 to 8 mm
Accepted tube wall thickness : 1.6 mm
Delivered with one 3.2 mm ID autoclavable dispensing assembly compatible with GL45 bottle
Dispensing assembly tubes made from Tygon® and Versilic®
Dimensions (H x W x D) : 21 x 16 x 27 cm
Weight : 5.5 kg
Connections: jack 35 mm
Input voltage : 100 - 240 VAC 50/60 Hz
Heavy duty polycarbonate top shell and durable stainless steel casing: easy to clean

Tube inner diameter (ID):

Other silicon tubes can be used if their inner diameter is inferior to 8 mm, and their wall thickness is 1.6 mm.

DELIVERED WITH :

FlexiPump® delivered with 1 high quality peristaltic Watson Marlow® pump head , 1 dispensing assembly (nozzle + GL 45 bottle connector + filter + tubing + tube weight) with Silicone (Tygon® and Versilic®) tubing: 3.2 mm internal diameter, user's manual, power cord, free sterile pack of BagPage® + BagFilter® filter bags.
1 year guarantee (after registration)

OPTIONS / ACCESSORIES

- ▶ Ref. 507 008 Foot pedal with 3.5 mm jack
- ▶ Ref. 561 001 Handy gun
- ▶ Ref. 513 020 Trocar: to connect a broth bag
- ▶ Ref. 513 015 Independent stand for broth bags
- ▶ Ref. 561 002 Adjustable dispensing arm
- ▶ Ref. 521 000 Printer RS232

CONSUMABLES

- ▶ Ref. 561 201 Silicon tube 1.6 mm ID
- ▶ Ref. 561 202 Silicon tube 3.2 mm ID
- ▶ Ref. 561 203 Silicon tube 4.8 mm ID
- ▶ Ref. 561 204 Silicon tube 6.4 mm ID
- ▶ Ref. 561 205 Silicon tube 8 mm ID
- ▶ Ref. 562 102 3.2 mm ID dispensing assembly for single pump head
- ▶ Ref. 562 202 3.2 mm ID Split dispensing assembly for double pump head
- ▶ Ref. 562 204 6.4 mm ID Split dispensing assembly for double pump head
- ▶ Ref. 562 205 8 mm ID Split dispensing assembly for double pump head