

	FlexiPump® Pro Fast liquid distribution	Ref. 562 000
<p>FlexiPump® Pro 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® Pro guarantees efficiency and safe lab work.</p>		

► **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
- 2% precision obtained from 1mL volume
- meets ISO 6887-1 and ISO 7218 standards
- FlexiPump® Pro typical precision with 3,2mm ID split tube:
9mL: 0.9% 18mL: 0.5% 225mL: 0.4%

► **flow rate up to 2.5 L/min**

20 L in less than 8 minutes with 8 mm ID tubes

► **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)

► Traceability

- Output of dispensing data and calibration data including time, date and operator's name to retrace batches.
- Data can be printed (printer option) or saved on computer in excel format

FlexiPump Pro:

- Double pump head with 6 rollers with low pulsation allowing higher accuracy and flow rate
- Delivered with 2 split dispensing assemblies
- Flow rate up to 2,5L/min
- Full tractability thanks to the printer and the USB/PC connection

DELIVERED WITH :

FlexiPump® delivered with 2 high quality peristaltic Watson Marlow® pump heads , 2 dispensing assemblies (nozzle + GL 45 bottle connector + filter + tubing + tube weight) with Silicone (Tygon® and Versilic®) tubing: 3.2 mm and 6.4 mm internal diameter, user's manual, power cord, free sterile pack of BagPage® + BagFilter® filter bags.

1 year guarantee (after registration)

TECHNICAL SPECIFICATIONS

Double Watson Marlow pump head (6 rollers)

Dose volume: 50 µL to 99.9 L

Flow rates (ml/min) 3 mL/min to 2.5 L/min

Traceability: printer or USB

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 and one 6.4 mm ID split 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 33 cm

Weight: 5.8 kg

Connections: USB, RS232 , jack 3.5 mm

Input voltage: 100 - 240 VAC 50/60 Hz

Tubing 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.

OPTIONS / ACCESSORIES

- Ref. 507 008 Foot switch with 3,5mm 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 Ajustable 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