

# FlexiPump®

Dispensing pumps for culture media preparation

Now dispensing is easy



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committed to science

# Fast liquid dispensing

**FlexiPump®** is a range of peristaltic pumps for culture media preparation. Use it for serial dispensing of culture media (e.g.: 9 mL in tube), agar (e.g.: 18 mL in Petri) or any liquid diluent (e.g.: 90 mL or 225 mL in bottle or blender bag). Compact, it has an intuitive interface and great ergonomics. Its speed and precision guarantee efficiency for your sample preparation.

Available in 2 models:

- **FlexiPump®** with the essential functions
- **FlexiPump® Pro** for high-performance dispensing

## Designed for microbiologists

- Select from 3 dispensing modes:
  - Continuous
  - Dose (predetermined volume)
  - Multi-dose (predetermined volume, with an adjustable pause between each dose)
- 32 editable programs
- Rotating button for easy navigation
- Compact: only 16 cm wide

## Precise flow control

- Up to 1% precision
- Dispenses liquid from 50 µL to 99 L
- Contamination free: dispensing assembly is entirely autoclavable with bottle
- In compliance with ISO 6887-1 and ISO 7218 standards
- Anti drop system

## Simple calibration

- Step-by-step instructions on screen
- Calibration possible with chosen volume
- Can be done quickly by anyone in the lab

## Easy dispensing

- Improved dispensing control with the handy gun and the adjustable arm
- Serial dispensing of:



### Culture media

E.g.: 9 mL  
in test tube



### Agar

E.g.: 18 mL  
in Petri dish



### Any liquid diluent

E.g.: 90 mL  
or 225 mL  
in bottle or blender bag

## Maintenance free

- Heavy duty polycarbonate top shell and durable stainless steel
- Powerful stepping motor with no wearing parts
- High quality Watson Marlow™ pump heads



# Accessories & technical specifications



**Handy gun**  
For high precision work and comfortable tube handling.

**Ref 561 001**



**Adjustable dispensing arm**  
For dispensing in any type of container.

**Ref 561 002**



**Foot pedal**  
For hand-free operation.  
Connection with a Jack 3.5 mm.

**Ref 507 008**



**PetriPile® 90**  
Ensure safe handling, transport and storing. Up to 36 Petri dishes. Also available in 55, 65 and 150 mm.

**Ref 241 090**



**Thermal printer\* RS232**  
Prints dispensing and calibration data (time, date, operator's name). (paper 521 110 - sticker 521 012)

**Ref 521 000**



**Independent double bag stand**  
For easy storage of 2.5 L ready-to-use broth bags.

**Ref 513 015**



**Trocar for broth bags**  
Allows to connect easily the broth bags to the tubing.

**Ref 513 020**

\*Only available on **FlexiPump® Pro**

**FlexiPump®** is 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® and BagFilter® filter bags.

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



Reference	561 000	562 000
Dose volume	50 µL to 99 L	
Dispensing modes	Continuous - Dose - Multi-dose	
Multi-dose pause	Adjustable from 0.1 to 99.9 s	
Watson Marlow™ pump	Single pump head	Low pulsation double pump head
Typical precision with 3.2 mm ID tube	9 mL: 1.8 % - 18 mL: 1 % - 225 mL: 0.5 %	9 mL: 0.9 % - 18 mL: 0.5 % - 225 mL: 0.4 %
Delivered with (tubing inner diameter)	3.2 mm dispensing assemblies	3.2 mm and 6.4 mm dispensing assemblies
Flow rates	1.5 mL/min. to 1.25 L/min.	3 mL/min. to 2.5 L/min.
Traceability	-	USB, RS 232 connectors
Data export	-	Excel™, LIMS
Rotation per minute	10 to 550 rpm	
Tubing inner diameter	From 1 to 8 mm only	
Tubing wall thickness	1.6 mm only	
Tubings made from	Tygon™ for pump head and Versilic™	
Dimensions (w x d x h)	16 x 28 x 21 cm	16 x 34 x 21 cm
Weight	5.5 kg	5.8 kg
Input voltage	100-240 V~ 50-60 Hz	
Inner diameter of optional tubings	1.6 mm, 3.2 mm, 4.8 mm, 6.4 mm, 8 mm	
All stainless steel	✓	
Made in France	✓	

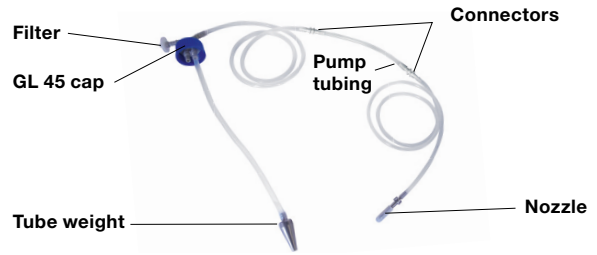


# Tubing details

## FlexiPump®

### Complete dispensing assembly

		Sold by
Ref 561 101	Dispensing assembly inner ø 1.6 mm .....	1
Ref 561 102	Dispensing assembly inner ø 3.2 mm .....	1
Ref 561 103	Dispensing assembly inner ø 4.8 mm .....	1
Ref 561 104	Dispensing assembly inner ø 6.4 mm .....	1
Ref 561 105	Dispensing assembly inner ø 8 mm .....	1



### Silicone tubing

		Sold by
Ref 561 201	Silicone tubing inner ø 1.6 mm .....	5
Ref 561 202	Silicone tubing inner ø 3.2 mm .....	5
Ref 561 203	Silicone tubing inner ø 4.8 mm .....	5
Ref 561 204	Silicone tubing inner ø 6.4 mm .....	5
Ref 561 205	Silicone tubing inner ø 8 mm .....	5



### Silicone tubes for pump head

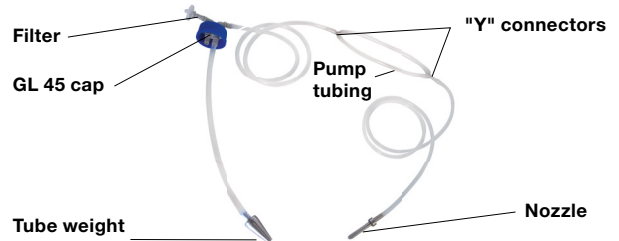
		Sold by
Ref 561 301	Silicone tubes for pump inner ø 1.6 mm .....	5
Ref 561 302	Silicone tubes for pump inner ø 3.2 mm .....	5
Ref 513 011	Silicone tubes for pump inner ø 4.8 mm .....	5
Ref 561 304	Silicone tubes for pump inner ø 6.4 mm .....	5
Ref 561 305	Silicone tubes for pump inner ø 8 mm .....	5



## FlexiPump® Pro

### Complete dispensing assembly

		Sold by
Ref 562 101	Dispensing assembly inner ø 1.6 mm + "Y" connectors.....	1
Ref 562 102	Dispensing assembly inner ø 3.2 mm + "Y" connectors.....	1
Ref 562 103	Dispensing assembly inner ø 4.8 mm + "Y" connectors.....	1
Ref 562 104	Dispensing assembly inner ø 6.4 mm + "Y" connectors.....	1
Ref 562 105	Dispensing assembly inner ø 8 mm + "Y" connectors.....	1



### Silicone tubing + "Y" connectors

		Sold by
Ref 562 201	Silicone tubing inner ø 1.6 mm + "Y" connectors.....	5
Ref 562 202	Silicone tubing inner ø 3.2 mm + "Y" connectors.....	5
Ref 562 203	Silicone tubing inner ø 4.8 mm + "Y" connectors.....	5
Ref 562 204	Silicone tubing inner ø 6.4 mm + "Y" connectors.....	5
Ref 562 205	Silicone tubing inner ø 8 mm + "Y" connectors.....	5



### Silicone tubes for pump head

		Sold by
Ref 561 301	Silicone tubes for pump inner ø 1.6 mm .....	5
Ref 561 302	Silicone tubes for pump inner ø 3.2 mm .....	5
Ref 513 011	Silicone tubes for pump inner ø 4.8 mm .....	5
Ref 561 304	Silicone tubes for pump inner ø 6.4 mm .....	5
Ref 561 305	Silicone tubes for pump inner ø 8 mm .....	5

