

FlexiPump®

Dispensing pump for culture media preparation

Now dispensing is easy



interscience

Fast liquid dispensing

FlexiPump® is a range of peristaltic pumps for culture media preparation. Use it for serial dispensing of culture media, agar or any liquid diluant. Compact, it has an intuitive interface and great ergonomics. Its speed and precision guarantee efficiency in your sample preparation.

FlexiPump® technology is 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 a pause between each dose)
- 32 pre-set programs with the digital control screen
- Rotating button for easy navigation and program settings
- 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

Easy calibration

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



Maintenance free

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



Handy gun (option)

- Improved dispensing control with the handy gun and electronic start button
- Smart magnetic holder for the handy gun
- 3 positions for easy dispensing. Hold it as:
 - a pen for dispensing in tubes
 - a mouse for dispensing in Petri dishes
 - a gun for dispensing in large containers

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 broths bags

Allows to connect easily the broth bags to the tubing

ref 513 020

*Only available on **FlexiPump® Pro**

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® and BagFilter® filter bags.

FlexiPump® Pro 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.

	 FlexiPump®	 FlexiPump® Pro
Reference	561 000	562 000
Dose volume	50 µL to 99 L	
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	3.5 mm jack	USB, RS 232 connectors, 3.5 mm jack
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™ and Versilic™	
Dimensions (H x W x D)	21 x 16 x 27 mm	21 x 16 x 33 mm
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	✓	

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Certified:

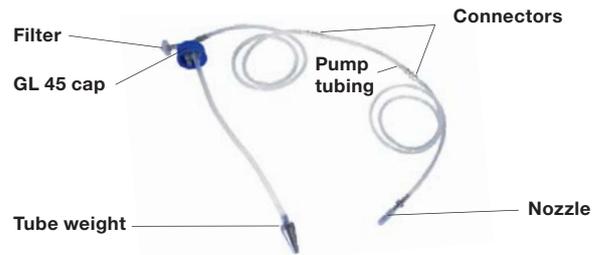


Tubing details

FlexiPump®

Complete dispensing assembly

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



Silicone tubing

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



Silicone tubes for pump

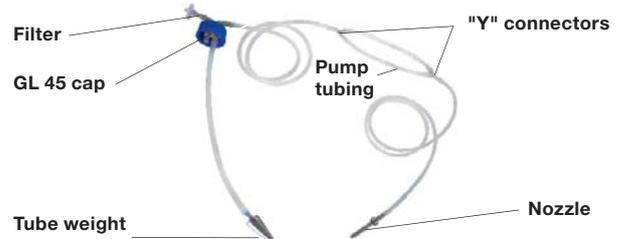
Ref 561 301	Silicone tubes for pump inner ø 1.6 mm	By 5
Ref 561 302	Silicone tubes for pump inner ø 3.2 mm	By 5
Ref 513 011	Silicone tubes for pump inner ø 4.8 mm	By 5
Ref 561 304	Silicone tubes for pump inner ø 6.4 mm	By 5
Ref 561 305	Silicone tubes for pump inner ø 8 mm	By 5



FlexiPump® Pro

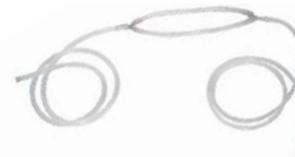
Complete dispensing assembly

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



Silicone tubing + "Y" connectors

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



Silicone tubes for pump

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



The dispensing assembly is **entirely autoclavable** with a bottle for contamination free dispensing.

Your local distributor

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