

FlexiPump®

Dispensing pumps for culture media preparation

Now dispensing is easy



ambifood®

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 diluent for efficient 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:

Maintenance free

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



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

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



Printer*

Prints all data (Paper 521 110 - Stickers 521 012 Film 410 130)

Ref 410 150



Independent stand for broth bags

For easy storage of ready-to-use broth bags up to 20 L.

Ref 513 015



Trocar

Allows to connect easily the broth bags to the tubing.

Ref 513 020



Autoclavable tubings

The tubings can easily be connected to a media preparator, bottle or diluent pouch. From stock to dispensing, the circuit is closed and secured (no risk of cross contamination).

Tubings technical details next page

*Only available on **FlexiPump® Pro**



FlexiPump®



FlexiPump® Pro

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/mn to 1.25 L/mn	3 mL/mn to 2.5 L/mn
Traceability	-	USB, RS 232 connectors
Data export	-	Excel™, Open Office Calc™, LIMS
Rotation per minute	10 to 550 rpm	
Tubing inner diameter	1.6 mm, 3.2 mm, 4.8 mm, 6.4 mm, 8 mm	
Tubing wall thickness	1.6 mm only	
Tubings made from	Tygon™ for pump head and Versilic™	
Dimensions (w x d x h)	15.5 x 27 x 21 cm	15.5 x 32 x 21 cm
Weight	5.2 kg	5.4 kg
Input voltage	100-240 V~ 50-60 Hz	
All stainless steel	✓	
Made in France	✓	
1 year warranty	✓	

FlexiPump® is delivered with 1 peristaltic Watson Marlow™ pump head(s), 1 set of 3.2 mm dispensing assembly (nozzle + GL 45 bottle connector + filter + tubing + tube weight), user's manual, power cord, free sterile packs of filter bags.

FlexiPump® Pro is delivered with 2 peristaltic Watson Marlow™ pump head(s), 1 set of 3.2 mm dispensing assembly (nozzle + GL 45 bottle connector + filter + tubing + tube weight), 1 set of 6.4 mm dispensing assembly, user's manual, power cord, USB cable, free sterile packs of filter bags.

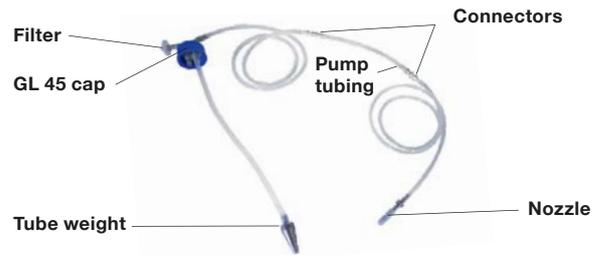


Tubing details

FlexiPump®

Complete dispensing assembly

		Qty per box
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



Tubings

		Qty per box
Ref 561 201	Tubings inner ø 1.6 mm	5
Ref 561 202	Tubings inner ø 3.2 mm	5
Ref 561 203	Tubings inner ø 4.8 mm	5
Ref 561 204	Tubings inner ø 6.4 mm	5
Ref 561 205	Tubings inner ø 8 mm	5



Tubings for pump head

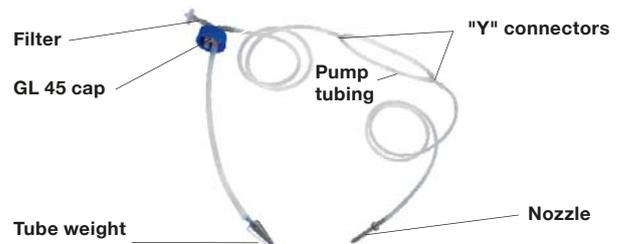
		Qty per box
Ref 561 301	Tubings for pump inner ø 1.6 mm	6
Ref 561 302	Tubings for pump inner ø 3.2 mm	6
Ref 513 011	Tubings for pump inner ø 4.8 mm	6
Ref 561 304	Tubings for pump inner ø 6.4 mm	6
Ref 561 305	Tubings for pump inner ø 8 mm	6



FlexiPump® Pro

Complete dispensing assembly

		Qty per box
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



Tubings + "Y" connectors

		Qty per box
Ref 562 201	Tubings inner ø 1.6 mm + "Y" connectors	5
Ref 562 202	Tubings inner ø 3.2 mm + "Y" connectors	5
Ref 562 203	Tubings inner ø 4.8 mm + "Y" connectors	5
Ref 562 204	Tubings inner ø 6.4 mm + "Y" connectors	5
Ref 562 205	Tubings inner ø 8 mm + "Y" connectors	5



Tubings for pump head

		Qty per box
Ref 561 301	Tubings for pump inner ø 1.6 mm	6
Ref 561 302	Tubings for pump inner ø 3.2 mm	6
Ref 513 011	Tubings for pump inner ø 4.8 mm	6
Ref 561 304	Tubings for pump inner ø 6.4 mm	6
Ref 561 305	Tubings for pump inner ø 8 mm	6



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

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