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# FlexiPump®

Dispensing pumps 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 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.

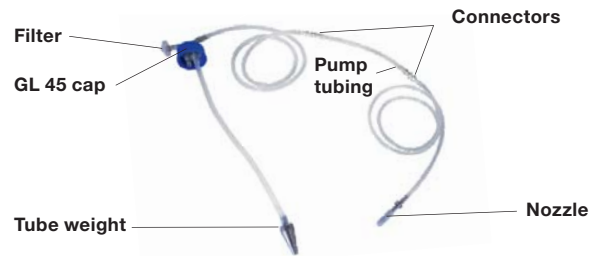


# Tubing details

## 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

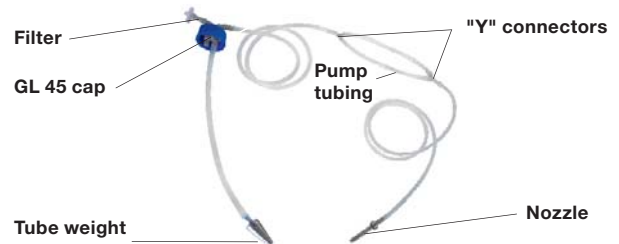
		Qty per box
Ref 561 301	Tubings for pump inner ø 1.6 mm	6
Ref 561 302	Tubings for pump inner ø 3.2 mm	6
Ref 513 011	Tubings for pump inner ø 4.8 mm	6
Ref 561 304	Tubings for pump inner ø 6.4 mm	6
Ref 561 305	Tubings for pump inner ø 8 mm	6



## FlexiPump® Pro

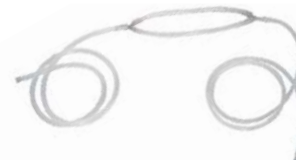
### Complete dispensing assembly

		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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