

## FlexiPump®

Dispensing pump for culture media preparation

Ref 561 000



Standards:



Manufactured under:



**FlexiPump®** is a peristaltic pump with enhanced accuracy for the dispensing of culture media, agar and any type of diluent from 50 µL à 99 L. Compact and ergonomic, it comes with a user-friendly interface.

### TECHNICAL SPECIFICATIONS

- **Stainless steel**
- Watson Marlow™ single pump head with 3 rollers
- **Dose volume: 50 µL to 99 L**
- **Dispensing modes: Continuous - Dose - Multi-dose**
- 32 editable programs
- **Dispensing control with the handy gun**
- Multi-dose pause: Adjustable from 0.1 to 99.9 s
- Watson Marlow™ pump
- Typical precision with inner Ø 3.2 mm tubing: 9 mL: ± 1.8% - 18 mL: ± 1% - 225 mL: ± 0.5%
- 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: Tygon™ (for pump head) and silicon**
- Flow rate: 1,5 mL/min to 1.25 L/min
- Pump head rotating speed: 10 to 550 rpm
  
- Voltage and frequency: 100-240V~ 50-60Hz
- IP: 31
- Fuses: T 2.5A L 250V 5x20 mm
- Max power: 50 W
  
- Dimensions (w x d x h): 16.1 x 27.3 x 20.8 cm, net weight: 5.40 kg
- Box (w x d x h): 50 x 40 x 40 cm, gross weight: 8.20 kg
  
- 1 year warranty
  
- In compliance with ISO 7218 and FDA BAM (Bacteriological Analytical Manual)
- Manufactured under CE, RoHS, WEEE
- Designed and made in France

### DELIVERED WITH

- 1 peristaltic Watson Marlow™ pump head
- 1 set of 3.2 mm dispensing assembly (nozzle + GL 45 bottle connector + filter + tubing + tube weight)
- 1 power cord
- 1 user's manual

- 1 free pack of blender bags

## OPTIONS / ACCESSORIES

- Ref 413 002 **2L bottles (GL45):** Set of 3 GL45 glass bottle (2L), autoclavable
- Ref 507 008 **Foot pedal:** For hands-free dispensing. Connection with a 3.5 mm Jack.
- Ref 513 001 **5L bottle (GL45):** GL45 glass bottle (5L), autoclavable
- Ref 513 015 **Independent stand for broth bags:** Independent stand for 2 broth bags
- Ref 561 001 **Handy gun:** Dispensing control with handy gun including electronic start button
- Ref 561 002 **Adjustable dispensing arm:** For use with other containers

## CONSUMABLES

- Ref 413 028 **Tube weight (Ø 3 mm):** Set of 5 tube weights (inner Ø 3 mm)
- Ref 513 011 **Tubings for pump (Ø 4.8 mm):** Sets of 6 Tygon™ tubings for pump part (20 cm), inner ø 4.8 mm
- Ref 513 020 **Trocar:** Trocar for broth bags
- Ref 513 023 **PTFE filters 0.2 µm (Ø 25 mm):** Set of 5 autoclavable filters (0.2 µm) for GL45 bottle
- Ref 513 024 **Nozzles (tubings Ø 4,8 - 8 mm):** Set of 5 nozzles for tubings from 4.8 to 8 mm inner diameter
- Ref 513 039 **Tube weights (Ø 6 mm):** Set of 5 tube weights (Ø 6 mm)
- Ref 513 040 **Nozzles (tubings Ø 1.6 - 3.2 mm):** Set of 5 nozzles for tubings from 1.6 to 3.2 mm inner diameter
- Ref 561 101 **Dispensing assembly (GL45 - Ø 1.6 mm):** Set of silicone tubings inner Ø 1.6 mm + GL45 screw cap + tube weight + nozzle + filter
- Ref 561 102 **Dispensing assembly (GL45 - Ø 3.2 mm):** Set of silicone tubings inner Ø 3.2 mm + GL45 screw cap + tube weight + nozzle + filter
- Ref 561 103 **Dispensing assembly (GL45 - Ø 4.8 mm):** Set of silicone tubings inner Ø 4.8 mm + GL45 screw cap + tube weight + nozzle + filter
- Ref 561 104 **Dispensing assembly (GL45 - Ø 6.4 mm):** Set of silicone tubings inner Ø 6.4 mm + GL45 screw cap + tube weight + nozzle + filter
- Ref 561 105 **Dispensing assembly (GL45 - Ø 8 mm):** Set of silicone tubings inner Ø 8 mm + GL45 screw cap + tube weight + nozzle + filter
- Ref 561 201 **Tubings (Ø 1.6 mm):** Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) – inner ø 1.6 mm
- Ref 561 202 **Tubings (Ø 3.2 mm):** 5 Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) – inner ø 3.2 mm
- Ref 561 203 **Tubings (Ø 4.8 mm):** Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) – inner ø 4.8 mm
- Ref 561 204 **Tubings (Ø 6.4 mm):** Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) – inner ø 6.4 mm
- Ref 561 205 **Tubings (Ø 8 mm):** Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) – inner ø 8 mm
- Ref 561 301 **Tubings for pump (Ø 1.6 mm):** Set of 6 Tygon™ tubings for pump part (20 cm). Inner ø 1.6 mm
- Ref 561 302 **Tubings for pump (Ø 3.2 mm):** Set of 6 Tygon™ tubings for pump part (20 cm). Inner ø 3.2 mm
- Ref 561 304 **Tubings for pump (Ø 6.4 mm):** Set of 6 Tygon™ tubings for pump part (20 cm). Inner ø 6.4 mm
- Ref 561 305 **Tubings for pump (Ø 8 mm):** Set of 6 Tygon™ tubings for pump part (20 cm). Inner ø 8 mm
- Ref 561 401 **Autoclave GL45 stopper + 0.2 µm filter**
- Ref 561 403 **Straight connectors (tubings ø 6.4 - 8 mm):** Set of 6 straight connectors for inner ø 6.4 and 8 mm tubings
- Ref 561 404 **Straight connectors (tubings ø 3.2 - 4.8 mm):** Set of 6 straight connectors for inner ø 3.2 and 4.8 mm tubings