

## FlexiPump® Pro

Dispensing pump for culture media preparation

Ref 562 000



Standards:



Traceability:



Manufactured under:



**FlexiPump® Pro** 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. Traceability is guaranteed by printer and USB connexion.

### TECHNICAL SPECIFICATIONS

- **Stainless steel**
- Watson Marlow™ low pulsation double pump head with 6 rollers
- **Dose volume: 50 µL to 99 L**
- **Dispensing modes: Continuous - Dose – Multi-dose**
- **Dispensing control with the handy gun**
- Multi-dose pause: Adjustable from 0.1 to 99.9 s
- Typical precision with inner Ø 3.2 mm tubing: 9 mL: 0.9% - 18 mL: 0.5% - 225 mL: 0.4%
- 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™**
- Flow rate: 3 mL/mn to 2.5 L/mn
- Pump head rotating speed: 10 to 550 rpm
- Traceability: USB, RS 232
- Connections: USB, RS 232, Jack 3.5 mm
- Data export: Excel™, Open Office Calc™, LIMS
  
- 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 x 32 x 21 cm, weight: 5 kg
- Box (w x d x h): 50 x 40 x 40 cm, weight: 8 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

- 2 peristaltic Watson Marlow™ pump heads
- 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 (nozzle + GL 45 bottle connector + filter + tubing + tube weight)
- 1 power cord
- 1 user's manual
- 1 USB cable
- 1 free pack of blender bags

## OPTIONS / ACCESSORIES

- Ref 410 130 **Film:** Thermal transfer film
- Ref 410 150 **Printer:** Thermal printer (RS 232 and USB output)
- 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):** 5 L GL45 glass bottle, autoclavable
- Ref 513 015 **Independent stand for broth bags:** Independent stand for 2 broth bags
- Ref 513 017 **Pump head:** Peristaltic pump head (Watson Marlow®)
- Ref 513 020 **Trocar:** Trocar for broth bags
- Ref 521 012 **Sticker for printer:** Set of 2 sticker rolls for thermal printer
- Ref 521 110 **Papers for printer:** Set of 2 thermal paper roll for printer
- 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 weights (Ø 3 mm):** Set of 5 tube weights (inner ø 3 mm)
- Ref 513 011 **Tubings for pump (Ø 4.8 mm):** Set of 6 silicone tubings for pump part (20 cm each). inner ø 4.8 mm
- 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 (Ø 4.8 - 8 mm):** Set of 5 stainless steel nozzle 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 stainless steel nozzle for tubings from 1.6 to 3.2 mm inner diameter
- Ref 561 301 **Tubings for pump (Ø 1.6 mm):** Set of 6 silicone tubings for pump part (20 cm each). inner ø 1.6 mm
- Ref 561 302 **Tubings for pump (Ø 3.2 mm):** Set of 6 silicone tubings for pump part (20 cm each). inner ø 3.2 mm
- Ref 561 304 **Tubings for pump (Ø 6.4 mm):** Set of 6 silicone tubings for pump part (20 cm each). inner ø 6.4 mm
- Ref 561 305 **Tubings for pump (Ø 8 mm):** Set of 6 silicone tubes for pump part (20 cm each). inner ø 8 mm
- Ref 561 401 **Autoclave GL45 stopper + 0.2 µm filter**
- Ref 561 403 **Straight connectors (ø 6.4 - 8 mm):** Set of 6 straight connectors for inner ø 6.4 and 8 mm tubings
- Ref 561 404 **Straight connectors (ø 3.2 - 4.8 mm):** Set of 6 straight connectors for inner ø 3.2 and 4.8 mm tubings
- Ref 562 101 **Dispensing assembly + Y (GL45 - ø 1.6 mm):** Set of silicone tubings inner ø 1.6 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"
- Ref 562 102 **Dispensing assembly + Y (GL45 - ø 3.2 mm):** Set of silicone tubings inner ø 3.2 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"
- Ref 562 103 **Dispensing assembly + Y (GL45 - ø 4.8 mm):** Set of silicone tubings inner ø 4.8 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"
- Ref 562 104 **Dispensing assembly + Y (GL45 - ø 6.4 mm):** Set of silicone tubings inner ø 6.4 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"
- Ref 562 105 **Dispensing assembly + Y (GL45 - ø 8 mm):** Set of silicone tubings inner ø 8 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"
- Ref 562 201 **Tubings + Y (ø 1.6 mm):** 5 sets of dispensing tubings inner ø 1.6 mm with plastic connectors "Y"
- Ref 562 202 **Tubings + Y (ø 3.2 mm):** 5 sets of dispensing tubings inner ø 3.2 mm with plastic connectors "Y"
- Ref 562 203 **Tubings + Y (ø 4.8 mm):** 5 sets of dispensing tubings inner ø 4.8 mm with plastic connectors "Y"
- Ref 562 204 **Tubings + Y (ø 6.4 mm):** 5 sets of dispensing tubings inner ø 6.4 mm with plastic connectors "Y"
- Ref 562 205 **Tubings + Y (ø 8 mm):** 5 sets of dispensing tubings inner ø 8 mm with plastic connectors "Y"
- Ref 562 401 **Y connectors (ø 6.4 mm):** Set of 6 "y" connectors for inner ø 6.4 mm tubings