

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 USB printer and connexion.

TECHNICAL SPECIFICATIONS

- 304 L Stainless steel
- Watson Marlow[™] low pulsation double pump head with 6 rollers
- Dispensing modes: Continuous - Dose – Multi-dose
- 32 editable programs
- Dispensing control with the handy gun
- Tubings: Tygon[™] (for pump head) and silicon

- Dose volume: 50 µL to 99 L
- 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
- Flow rate: 3 mL/min to 2.5 L/min
- 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
- Fuses: T 2.5A L 250V 5x20 mm
- Max power: 50 W

- IP: 31
- Dimensions (w x d x h): 16.1 x 33.2 x 20.8 cm, net weight: 5.55 kg
- Box (w x d x h): 50 x 40 x 40 cm, gross weight: 8.45 kg

- Warranty: 1 year further to warranty card recording
- Availability of spare parts: 10 years
- In compliance with ISO 7218 and FDA BAM (Bacteriological Analytical Manual)
- Manufactured under CE, UKCA, 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 for printer: **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): GL45 glass bottle (5L), autoclavable
- Ref 513 015 Independent stand for broth bags: Independent stand for 2 broth bags
- Ref 521 012 Sticker for printer: Set of 2 sticker rolls for thermal printer - Label size: 70 x 45 mm
- Ref 521 110 Paper for printer: Set of 2 thermal paper rolls 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

TUBINGS

- Ref 413 028 Tube weights (Ø 3 mm): Set of 5 tube weights (inner Ø 3 mm)
- Ref 505 018 Nozzle cap (Ø 1.6 – 3.2 mm) : Protection cap for nozzles. For 1.6 – 3.2 mm inner diameter tubings
- Ref 513 011 Tubings for pump (Ø 4.8 mm): Set 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 (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 513 052 Tubings for **0.2 µm** filter-pump (Ø 6,4 mm) : Set of 2 Tygon™ tubings for pump part (50 cm) + **2 filters 0.2 µm** inner Ø 6.4 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
- Ref 562 051 Dispensing assembly + Y with 0.2 µm filter (GL45 - Ø 6,4 mm) : Set of silicone tubings inner Ø 6.4 mm + GL45 screw cap + filter + **tube weight + nozzle + "Y"** + 2 filters 0.2 µm for FlexiPump Pro
- 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 Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + "Y" connectors) - inner ø 1.6 mm
- Ref 562 202 Tubings + Y (ø 3.2 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + "Y" connectors) - inner ø 3.2 mm
- Ref 562 203 Tubings + Y (ø 4.8 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + "Y" connectors) - inner ø 4.8 mm
- Ref 562 204 Tubings + Y (ø 6.4 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + "Y" connectors) - inner ø 6.4 mm
- Ref 562 205 Tubings + Y (ø 8 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + "Y" connectors) - inner ø 8 mm
- Ref 562 401 Y connectors (tubings ø 6.4 - 8 mm): Set of 6 "Y" connectors for 6.4 and 8 mm tubings
- Ref 562 402 Y connectors (tubings ø 3.2 mm): Set of 6 "Y" connectors for 3.2 mm tubings