

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

- 304 L Stainless steel
- Watson Marlow™ single pump head with 3 rollers
- Dispensing modes: Continuous - Dose - Multi-dose
- 32 customizable 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: ± 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
- Flow rate: 1,5 mL/min to 1.25 L/min
- Pump head rotating speed: 10 to 550 rpm

- Voltage and frequency: 100-240 V ~ 50-60 Hz
- Fuses: T 2.5A L 250V 5x20 mm
- Max power: 50 W

- International machine marking: IP31
- 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

- 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

- 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 bottles (2L), autoclavable
- Ref 507 008 Foot pedal: For hand-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

TUBINGS

- Ref 413 028 Tube weight (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): 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 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 561 050 Dispensing assembly with 0.2 µm filter (GL45 - Ø 6,4 mm) : Set of silicone tubings inner Ø 6,4 mm + GL45 cap + filter + tube weight + nozzle + 0.2 µm-filter for FlexiPump
- 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