

## DiluFlow®

Gravimetric dilutor (3 kg)

Ref 501 103 (3 kg single pump) - Ref 501 203 (3 kg double pump)



Standards:



Traceability:



Manufactured under:



DiluFlow® automatically dilutes a solid sample in seconds, with the appropriate weight of diluent. Available in single or double pump.

### TECHNICAL SPECIFICATIONS

- Ultra-low profile: BagOpen® height < 30 cm
- Easy-to-use under laminar flow
- Removable DripTray (patented)
- BagOpen® with GeckoGrip system (patented)
- Magnetic stand for BagOpen® (patented shape)
- LightCode: color status LED
- Compatible with booster kit
- 304L stainless steel body
- Stainless casting electromechanical core
- Resolution up to 200 g: 0.01 g
- Weighing range: 0.1 to 3000 g
- Max weight without support: 4500 g
- Weighing accuracy: 0 to 100 g: ± 0,05 g
- Weighing accuracy: 100 to 3000 g: ± 0,1 %
- Minimum weight required for dilution: 5 g
- Minimum weight required for dilution: 5 g
- Dilution factor: 1/2 à 1/99
- Dilution/distribution accuracy: > 99% in Standard or Accurate mode (in optimal conditions)
- Dilution time for a 25 g sample diluted at 1/10: < 9 s (with booster kit in Fast mode)
- Dispensing time for 90 mL: < 7 s (with booster kit in Fast mode)
- Dispensing time for 225 mL: < 10 s (with booster kit in Fast mode)
- Max number of pumps: 2 integrated
- Dispensing/distribution mode: Fast - Standard – Accurate
- Traceability: Printer / Monitoring software (export to Excel™ / Open Office™, CSV file, printer)
- Exported data: Sample weight / Total weight / Dilution factor / Dilution accuracy / right or left pump + with monitoring software: Sample number / Operator name / Date / Time
- Connection: RS232 output for printer / USB port to connect a computer / Jack output to connect a pedal

- Voltage - frequencies: 100-240V ~ 50-60Hz
- Fuses: T3,15A L 250V 5x20 mm
- International protection marking: 22
- Power: 60 W
  
- Warranty: 1 year
- Availability of spare parts: 10 years
- In compliance with standards ISO 7218, ISO 6887
- Manufactured under CE, RoHS 2002/95/EC, WEEE 2002/95/EC
- Designed and made in France

## DiluFlow® 3 kg single pump

Ref: 501 103

- Dimensions (w x d x h): 31.3 x 43.7 x 39.4 cm, net weight: 10.1 kg
- Box (w x d x h): 55 x 55 x 40.5 cm, gross weight: 16.1 kg

## DiluFlow® 3 kg double pump

Ref: 501 203

- Dimensions (w x d x h): 37 x 43.7 x 39,4 cm, net weight: 12.5 kg
- Box (w x d x h): 55 x 55 x 40.5 cm, gross weight: 18.6 kg

## DELIVERED WITH

- 1 distribution arm
- 1 drip tray 400
- 1 or 2 pumps
- 1 dispensing assembly (GL45 - Ø 6.4 mm) per pump
- 1 USB cable
- 1 monitoring software
- 1 power cord
- 1 BagOpen® 400 for dilutors
- 1 **user's manual**
- 1 conformity certificate / warranty card
- 10 GeckoGrip
- 1 set of adhesive gum
- Blender bags samples

## ACCESSORIES

- Ref 410 130 Film for dataLink® printer: Thermal transfer film
- Ref 410 150 dataLink® Printer: Thermal printer (RS 232 and USB output)
- Ref 413 002 2L bottle (GL45): Set of 3 GL45 glass bottles (2L), autoclavable
- Ref 505 001 BagOpen® 400 for dilutors: Bag holder for 400 mL bags for DiluFlow®
- Ref 505 002 Weighing platform: To weigh and support a container. Nondelivered with container.
- Ref 505 003 Tongs platform: To hold a tube (ø 10 to 60 mm). Nondelivered with tube.
- Ref 505 004 Adjustable distribution system: Ideal to fill various containers
- Ref 505 009 GeckoGrip for BagOpen 400/3500: Set of 10 adhesives for DiluFlow® BagOpen® 400 and 3500
- Ref 505 010 Integrable stand for broth bags: Integrated to the unit, to hold one broth bag
- Ref 505 014 BagOpen 80/100 mL for dilutors: Bag holder for 80/100 mL bags for DiluFlow®
- Ref 505 015 GeckoGrip for BagOpen 80/100: Set of 10 adhesives for DiluFlow® BagOpen® 80/100
- Ref 505 016 BagOpen 400 for dilutors (stainless steel): Stainless steel stand for 400 mL bags
- Ref 507 008 Foot pedal: For hands-free dispensing. Connection with a 3.5 mm Jack
- Ref 511 000 Booster kit: Booster pump + 2 **silicone tubings for pump part (20 cm each), inner ø 6.4 mm + 2 "Y"**
- Ref 513 001 5L bottle (GL45): GL45 glass bottle (5L), autoclavable
- Ref 513 005 Certified standard weight (500 g): 500 g COFRAC calibrated weight, type F1

- Ref 513 015 Independent stand for broth bags: Independent stand for 2 broth bags
- Ref. 513 053 Support for distribution set with 0.2 µm filter : 1 support for distribution set with 0.2 µm filter + 1 knurled screw
- Ref 521 012 Sticker for dataLink® printer: Set of 2 rolls of 1000 stickers for thermal printer  
Label size: 70 x 45 mm
- Ref 521 110 Paper for dataLink® printer: Set of 2 thermal paper rolls for printer

## TUBINGS

- Ref 505 012 Adjustable nozzles (L 23.5 cm - tubings Ø 3.2 mm): Set of 5 adjustable nozzles (Length: 23.5 cm – For inner ø 3.2 mm tubings)
- Ref 505 013 Adjustable nozzles (L 12 cm - tubings Ø 6.4 mm): Set of 5 adjustable nozzles (Length: 12 cm – For inner ø 6.4 mm tubings)
- Ref 513 008 Booster kit dispensing assembly (GL45 - Ø 3.2 mm): Set of silicone tubings inner ø 3.2 mm + GL45 screw cap + tube weight + nozzle + filter "Y"
- Ref 513 009 Tubings + Y (Ø 3.2 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + "Y" connectors) - inner ø 3.2 mm
- 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 513 016 Dispensing assembly for broth bags (Ø 4.8 mm): Distribution assembly ø 4.8 mm for broth bags
- 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 513 041 Booster kit dispensing assembly (GL45 - Ø 6.4 mm): Set of silicone tubings inner ø 6.4 mm + GL45 screw cap + tube weight + nozzle + filter + "Y"
- Ref 513 042 Tubings + Y (Ø 6.4 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + "Y" connectors) - inner ø 6.4 mm
- Ref 513 043 Dispensing assembly (GL45 - Ø 6.4 mm): Set of silicone tubings inner ø 6.4 mm + GL45 screw cap + tube weight + nozzle + filter
- Ref 513 044 Tubings (Ø 6.4 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) - inner ø 6.4 mm
- Ref 513 045 Dispensing assembly (GL45 - Ø 3.2 mm): Set of silicone tubings inner ø 3.2 mm + GL45 screw cap + tube weight + nozzle + filter
- Ref 513 047 Tubings (Ø 3.2 mm): Set of 5 dispensing tubings (silicone tubings + Tygon™ tubings + straight connectors) - inner ø 3.2 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 561 401 **Autoclavable GL45 stopper + 0.2 µm filter**: Autoclavable GL45 stopper + 0.2 µm filter
- Ref 561 403 Straight connectors (tubings ø 6.4 - 8 mm): Set of 6 straight connectors for 6.4 et 8 mm tubings
- Ref 561 404 Straight connectors (tubings ø 3.2 - 4.8 mm): Set of 6 straight connectors for 4.8 et 3.2mm tubings
- 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