

DiluFlow® Elite

Gravimetric dilutor (1 kg)

Ref 503 101 (1 kg single pump) - **Ref 503 201** (1 kg double pump)



Standards:



Traceability:



Manufactured under:



Product made for INTERSCIENCE by Interlab, an ISO 9001 certified company.

DiluFlow® Elite is a gravimetric dilutor for the dilution of the sample before its microbiological analysis. It is all stainless steel with a new design and ultra-low profile for easy-use under laminar flow. Equipped with an USB port and available with 1 or 2 pumps. Ideal for cosmetical and chemical industries.

TECHNICAL SPECIFICATIONS

- Ultra-low profile: **BagOpen®** height < 30 cm
- Easy-to-use under laminar flow
- **Removable DripTray, patented**
- **BagOpen® with GeckoGrip, patented**
- **Magnetic stand for BagOpen®, patented shape**
- LightCode: color status LED
- Compatible with booster kit
- 304L stainless steel body
- Stainless casting electromechanical core
- Robotic arm
- Compatible with Jumbo kit
- Protection for tubing nozzle
- Up to 6 pumps
- **Multi-Dispensing mode, patented**
- Powder mode
- Weighing mode
- Autotare function
- 24 editable programs
- Bidirectional connectivity
- Resolution up to 200 g: 0.01 g
- Weighing range: 0.1 to 1000 g
- Max weight without support: 1500 g
- Weighing accuracy: 0 to 20 g: ± 0,01 g
- Weighing accuracy: 20 to 1000 g: ± 0.1 %
- Dilution factor: 2 to 1000, editable fractions
- Dilution/distribution accuracy: > 99% (in standard or accurate mode)
- Dilution time for a 25 g sample diluted at 1/10: < 8 s (with booster kit in fast mode)
- Dispensing time for 90 mL: < 6 s (with booster kit in fast mode)
- Dispensing time for 225 mL: < 9 s (with booster kit in fast mode)
- Max number of pumps: 2 integrated + 4 external
- Dispensing/distribution mode: Fast - Standard – Accurate

- Traceability: Printer / Export to Excel™ / CSV file export on USB key / LIMS
 - Exported data: Sample weight / Total weight / Dilution factor / Dilution accuracy / Diluent / Sample number / Diluent batch number / Date / Time / Last calibration date / Name of operator / Name of program
 - Connection: 2 USB outputs (type A) to connect printer, keyboard, bar-code reader, USB key / USB port (type B) to connect a computer / Jack output to connect a pedal / Handy gun / Ethernet connection for LIMS
 - Power: 100-240V~ 50-60Hz
 - Fuses: T3, 15A L 250V 5x20 mm
 - Max power: 60 W
 - Protection rate: (100-240V) : 22/32*
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- Warranty 1 year
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- In compliance with standards ISO 7218, ISO 6887
 - Manufactured under CE, RoHS 2002/95/EC, WEEE 2002/95/EC
 - Product made for INTERSCIENCE by Interlab, an ISO 9001 certified company
 - Made in France

DiluFlow® Elite 1 kg single pump

Ref 503 101

- Dimensions (w x d x h): 31 x 42 x 38 cm, **weight:** 12.6 kg
- Box (w x d x h): 54.5 x 54,5 x 55 cm, **weight:** 18 kg

DiluFlow® Elite 1 kg double pump

Ref 503 201

- Dimensions (w x d x h): 37 x 42 x 38 cm, **weight:** 14.8 kg
- Box (w x d x h): 54.5 x 54.5 x 55 cm, **weight:** 20.6 kg

DELIVERED WITH

- 1 drip tray 400
- 1 or 2 pumps
- 1 protection for tubing nozzle
- 1 dispensing assembly (GL45 - Ø 3.2 mm) per pump (**Ref 513 045**)
- 1 USB stick
- 1 USB cable
- 1 power cord
- 1 **BagOpen®** 400 for dilutors (**Ref 505 001**)
- 1 user's manual
- 1 conformity certificate
- 1 warranty card
- 10 GeckoGrip (**Ref 505 009**)
- 1 set of adhesive gums
- 1 Allen wrench
- Blender bags samples

ACCESSORIES

- **Ref 410 130** **Film:** thermal transfer film for printer
- **Ref 410 150** **Printer:** thermal printer (RS 232 and USB output)
- **Ref 505 002** **Weighing platform:** to weigh and hold a container
- **Ref 505 003** **Tongs platform:** support for tube (Ø from 10 to 60 mm)
- **Ref 505 005** **Adjustable dispensing platform:** to fill various containers
- **Ref 505 007** **Pump module:** single pump external module + silicone tubing for pump head (Ø internal 6.4 mm)
- **Ref 505 008** **6 nozzles holder:** holds 6 nozzle holder
- **Ref 505 009** **GeckoGrip:** set of 10 adhesive gums for **BagOpen®**
- **Ref 505 010** **Integrable stand for broth bags:** to hold a diluent pouch
- **Ref 505 012** **Adjustable nozzles (ø 3.2 mm):** Set of 5 adjustables nozzles (length : 23.5 cm – for inner Ø 3.2 tubings)

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- Ref 505 013 **Adjustable nozzles (ø 6.4 mm):** Set of 5 adjustables nozzles (length : 12 cm – for inner Ø 6.4 tubings)
- Ref 507 008 **Foot pedal:** to dispense easily. Connection with a 3.5 mm jack
- Ref 511 000 **Booster kit:** fast dispensing + 2 silicone tubings for pump (20 cm each), Ø inner 6.4 mm + 2 “Y”
- Ref 513 001 **5L bottle (GL45) :** autoclavable bottle 5L
- Ref 513 005 **Calibration weight:** 500 g COFRAC class F1 certified weight
- Ref 513 015 **Independant stand for broth bags:** for 2 diluents'pouch
- Ref 513 020 **Trocar:** 316L stainless steel trocar for diluent pouch
- Ref 513 023 **PTFE filters 0.2 µm (Ø 25 mm):** set of 5 autoclavables filters (0.2 µm – Ø 25 mm) for GL45 bottle
- Ref 513 024 **Nozzles (tubings Ø 4.8 - 8 mm):** Set of 5 stainless steel nozzles for tubings from 4.8 to 8 mm
- Ref 513 039 **Tube weight (Ø 6 mm):** set of 5 tube weight - Ø 6 mm
- Ref 513 040 **Nozzles (tubings Ø 1.6 – 3.2 mm):** Set of 5 stainless steel nozzles for tubings from 1.6 to 3.2 mm
- Ref 521 012 **Printer labels:** rolls sticking labels for thermal printer
- Ref 521 110 **Paper for printer:** set of 2 paper rolls for thermal printer
- Ref 522 000 **Bar-code reader**
- Ref 561 001 **Handy gun:** gun with electric button for enhanced control during dispensing
- Ref 561 402 **“Y” connectors (ø 6.4 - 8 mm):** set of 6 plastic connectors “Y”

TUBINGS

- Ref 513 008 **Booster kit dispensing assembly (GL45 - Ø 3.2 mm):** set of silicone tubing inner Ø 3.2 mm + GL45 screw cap + tube weight + nozzle + filter + “Y”
- Ref 513 009 **Tubings + Y (Ø 3.2 mm) :** 5 sets of silicone tubings for booster kit - inner Ø 3.2 mm with “Y” plastic connectors
- Ref 513 041 **Booster kit dispensing assembly (GL45 - Ø 6.4 mm):** set of silicone tubings with inner Ø 6.4 mm + GL45 screw cap + tube weight + nozzle + filter + “Y”
- Ref 513 042 **Tubings + Y (Ø 6.4 mm) :** 5 sets of silicone tubings for booster kit - inner Ø 6.4 mm with “Y” plastic connectors
- Ref 513 043 **Dispensing assembly (GL45 - Ø 6.4 mm) :** set of silicone tubings with inner Ø 6.4 mm + GL45 screw cap + tube weight + nozzle + filter
- Ref 513 044 **Tubings (Ø 6.4 mm):** 5 sets of silicone tubings inner Ø 6.4 mm
- Ref 513 045 **Dispensing assembly (GL45 - Ø 3.2 mm) :** 5 sets of silicone dispensing tubings with inner Ø 3.2 mm + GL45 cap + tube weight + nozzle + filter
- Ref 561 202 **Tubings (Ø 3.2 mm) :** 5 sets of silicone dispensing tubings with internal Ø 3.2 mm and plastic connectors
- Ref 561 302 **Tubings for pump (Ø 3.2 mm) :** 5 sets of silicone dispensing tubings for pump (20 cm each), inner Ø 3.2 mm
- Ref 561 304 **Tubings for pump (Ø 6.4 mm) :** 5 sets of silicone dispensing tubings for pump (20 cm each), inner Ø 6.4 mm