

DiluFlow® Elite

Gravimetric dilutor (5 kg)

Ref 503 105 (5 kg single pump) - Ref 503 205 (5 kg double pump)



Standards:



Traceability:



Manufactured under:



DiluFlow® Elite 5 kg automatically dilutes a solid sample in seconds, with the appropriate weight of diluent, up to a total weight of 5 kg. Its full traceability records all operations. It is programmable and connectable for up to 6 diluents and enables the dilution of any type of sample. 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
- Robotic arm
- Compatible with Jumbo kit
- Protection for nozzles
- Up to 6 pumps
- Multi dispensing mode (patented)
- Powder mode
- Balance mode
- Auto-tare function
- 24 editable programs
- Bi-directional connectivity
- Resolution up to 200 g: 0.01 g

- Weighing range: 0.1 to 5000 g
 - Max weight without support: 7000 g
 - Weighing accuracy: 0 to 100 g: $\pm 0,05$ g
Weighing accuracy: 100 to 5000 g : $\pm 0,1$ %
 - Minimum weight required for dilution: 5 g
 - Minimum weight required for dilution: 5 g
 - Dilution factor: 1/2 to 1/1000, customizable fractions
 - Dilution/distribution accuracy: > 99% in Standard or Accurate mode (in optimal conditions)
 - Dilution time for a 25 g sample diluted at 1/10: < 8 s (with booster kit in Fast mode)
 - Dilution time for a 375 g sample diluted at 1/10: < 75 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 externals
 - Dispensing/distribution mode: Fast - Standard – Accurate
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- Traceability: Printer / Export to Excel™ / Open Office™ / CSV file export on USB stick / LIMS
 - Exported data: Sample weight / Total weight / Dilution factor / Dilution accuracy / Diluent / Sample number / Diluent lot number / Date / Time / Last calibration date / Name of operator / Name of program
 - Connection: 2 USB ports (type A) to connect a printer, keyboard, bar-code reader, USB stick / 1 USB port (type B) to connect a computer / Jack socket to connect a foot pedal / Handy gun / Ethernet connection for LIMS
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- Voltage - frequencies: 100-240V ~ 50-60Hz
 - Fuses: T3,15A L 250V 5x20 mm
 - International protection marking: 32
 - Power: 60 W
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- Warranty: 1 year
 - 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® Elite 5 kg single pump

Ref: 503 105

- Dimensions (w x d x h): 31.3 x 42.1 x 37.7 cm, net weight: 12.8 kg
- Box (w x d x h): 55 x 55 x 53 cm, gross weight: 18.8 kg

DiluFlow® Elite 5 kg double pump

Ref: 503 205

- Dimensions (w x d x h): 37 x 42.1 x 37.7 cm, net weight: 15.3 kg
- Box (w x d x h): 55 x 55 x 53 cm, gross weight: 21.4 kg

DELIVERED WITH

- 1 drip tray 400
- 1 or 2 pumps
- 1 protection for nozzles
- 1 dispensing assembly (GL45 - Ø 6,4 mm) per pump
- 1 USB stick
- 1 USB cable
- 1 power cord
- 1 BagOpen® 400 for dilutors
- 1 user's manual
- 1 conformity certificate / warranty card
- 10 GeckoGrip
- 1 set of adhesive gum
- 1 Allen key
- 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 bottle (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 505 005 Adjustable distribution system: Ideal to fill various containers
- Ref 505 006 Jumbo kit: BagOpen 3500 + 3500 mL DripTray
- Ref 505 007 Pump module: External module with single pump + Set of silicone tubings inner ø 6.4 mm
- Ref 505 008 6 nozzles holder: Can hold up to 6 nozzles
- 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
- Ref 522 000 Bar-code reader: Bar-code reader (1D/2D)
- Ref 561 001 Handy Gun: Dispensing control with handy gun including electronic start button

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 513 020 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