

DiluFlow®

The best solution for your dilutions



GeckoGrip system

- No more adhesive gums!
 - Ultra adhesive, hygienic and long lasting
- PATENTED**

World's fastest dilutor

- Only 8 s to dispense 225 mL⁽³⁾

Robotic arm⁽²⁾

- Easy sample insertion
- Avoids contamination
- Saves time

Up to 6 diluents

- With 4 extra connectable pumps⁽¹⁾

Ultra low profile

- Perfect for a use in a laminar flow
- Ergonomic: No musculoskeletal fatigue

NEW

Superior quality

- Watson Marlow™ pumps
- 304 L stainless steel casing

High accuracy weighing scale

- Weighing accuracy up to 99 %
- Magnetic BagOpen®

LightCode

- LED Color on status and accuracy

Removable DripTray

- Easy to keep your DiluFlow® clean
- PATENTED**



(1) Only on DiluFlow® Elite (2) Only on DiluFlow® Pro and DiluFlow® Elite (3) Dilution time for a 25 g sample diluted at 1/10 on a DiluFlow® Elite with booster kit

DiluFlow® Gravimetric dilutors



DiluFlow® is a gravimetric dilutor designed for the automatic dilution of a solid sample with the appropriate weight of diluent. You can dilute your sample just by pressing 2 keys. Easy-to-use, DiluFlow® is the perfect entry level dilutor for your lab!

Key features

- Ultra low profile: easy use under laminar flow
- LightCode: Color status LED
- Patents: GeckoGrip system, removable DripTray, magnetic BagOpen® (patented shape)
- Warranty: 1 year
- Traceability: Printer / Monitoring software (data export to Excel™, Open Office™ or Libre Office Calc™, printer)
- Connection: RS232 output for printer / USB output for a computer / Jack output for foot pedal
- Resolution up to 200 g: 0,01 g
- Dilution time: 9 s (for a 25 g sample diluted at 1/10 with booster kit in fast mode)
- Dilution factor: 1/2 to 1/99
- Max number of pumps: 2 integrated
- Weighing accuracy: 0 g to 100 g: ± 0.05 g / 100 g to 3000 g: ± 0,1%
- Dilution accuracy: > 98 %
- Maximum weight: 3000 g
- Maximum weight without support: 4500 g



[Demo video www.interscience.com](http://www.interscience.com)



Delivered with: 1 dispensing arm, 1 DripTray 400, 1 or 2 pumps, 1 dispensing assembly (GL45 - Ø 6.4 mm) per pump, monitoring software, USB cable, power cord, 1 BagOpen® 400 for dilutors, user's manual, quick user guide, 10 GeckoGrip, free sample of sterile bags.

Technical specifications

DiluFlow®	Single pump	Double pump
Maximum weight	3 000 g	
Power	100-240V~ 50/60 Hz	
Size (w x d x h)	31 x 41.5 x 40 cm	37 x 41.5 x 40 cm
Weight	10.5 kg	13 kg
Reference	501 103	501 203

Options



Applications

- Microbiological analyses
- Gravimetric dilutions / Liquids dispensing

Advantages

- ▶ Easy-to-use
- ▶ Distribution and weighing functions
- ▶ Compatible with any container

DiluFlow[®] Pro Gravimetric dilutors

ISO
7218ISO
6887-1FDA BAM
Bacteriological Analytical
Manual

DiluFlow[®] Pro is a gravimetric dilutor designed for the automatic dilution of a solid sample with the appropriate weight of diluent. Its traceability features enable the recording of all the operations. Equipped with a high speed robotic arm, it offers the best solution for your dilutions!

Key features

- Ultra low profile: easy use under laminar flow
- LightCode: Color status LED
- Patents: GeckoGrip system, removable DripTray, magnetic BagOpen[®] (patented shape)
- Warranty: 1 year
- Traceability: Printer / Monitoring software (data export to Excel[™], Open Office[™] or Libre Office Calc[™], printer)
- Connection: RS232 output for printer / USB output for a computer / Jack output for foot pedal
- Resolution up to 200 g: 0.01 g
- Dilution time: 9 s (for a 25 g sample diluted at 1/10 with booster kit in fast mode)
- Dilution factor: 1/2 to 1/99
- Max number of pumps: 2 integrated
- **Weighing accuracy: 0 g to 100 g: ± 0.05 g / 100 g to 5000 g: ± 0.1%**
- **Dilution accuracy: > 99 % (in standard or accurate mode)**
- **Maximum weight: 5000 g**
- **Maximum weight without support: 7000 g**
- **Robotic arm for easy sample insertion**
- **Jumbo kit option for 3500 mL bags**



 [Demo video www.interscience.com](http://www.interscience.com)

Traceability:   

Applications

- Microbiological analyses
- Gravimetric dilutions / Liquids dispensing
- Precise weighing system
- For samples requiring traceability

Advantages

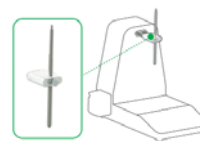
- ▶ Robotic arm with high speed movements
- ▶ Distribution and weighing functions

Delivered with: 1 or 2 pumps, 1 DripTray 400, 1 protection for nozzle, 1 dispensing assembly (GL45 - Ø 6,4 mm) per pump, monitoring software, USB cable, power cord, 1 BagOpen[®] 400 for dilutors, user's manual, quick user guide, 10 GeckoGrip, free sample of sterile bags.

Technical specifications

DiluFlow [®] Pro	Single pump	Double pump
Maximum weight	5 000 g	
Power	100-240V~ 50-60Hz	
Size (w x d x h)	31 x 41.5 x 37.5 cm	37 x 41.5 x 37.5 cm
Weight	12.5 kg	15 kg
Reference	502 105	502 205

Options



DiluFlow® Elite Gravimetric dilutors



DiluFlow® Elite is a gravimetric dilutor designed for the automatic dilution of a solid sample with the appropriate weight of diluent. Its traceability features enable the recording of all the operations. Programmable and connectable with up to 6 diluents, it is available in 1 kg and 5 kg versions. The 1 kg version is specifically designed for cosmetological analyses (sample of 1-5 g requiring high accuracy).

Key features

- Ultra low profile: easy use under laminar flow
- LightCode: Color status LED
- Patents: GeckoGrip system, removable DripTray, multi-dispensing mode, magnetic BagOpen® (patented shape)
- Warranty: 1 year
- Resolution up to 200 g: 0,01 g
- Robotic arm for easy sample insertion
- Jumbo kit option for 3500 mL bags
- **Traceability: Printer / data export to Excel™ / monitoring software / CSV file export on USB stick / Bidirectional connectivity LIMS**
- **Connection: 2 USB outputs (to connect a printer, keyboard, bar-code reader, USB stick) / 1 USB output (to connect a computer) / Jack output (to connect a food pedal, handy gun) / Ethernet connection for LIMS**
- **Dilution time: 8 s**
(for a 25 g sample diluted at 1/10 with booster kit in fast mode)
- **Dilution factor: 2 to 1000, editable fractions**
- **Weighing accuracy: DiluFlow® Elite 5 kg: 0 g to 100 g: ± 0.05 g / 100 g to 5000 g: ± 0,1% / DiluFlow® Elite 1 kg: 0 g to 20 g: ± 0.01 g / 20 g to 1000 g: ± 0,1%**
- **Dilution accuracy: > 99 % (in standard or accurate mode)**
- **Max number of pumps: 2 integrated + 4 external**
- **Maximum weight: 5000 g (DiluFlow® Elite 5 kg) / 1000 g (DiluFlow® Elite 1 kg)**
- **Maximum weight without support: 7000 g (DiluFlow® Elite 5 kg) / 1500 g (DiluFlow® Elite 1 kg)**

Delivered with: 1 or 2 pumps, 1 DripTray 400, 1 protection for nozzles, 1 dispensing assembly (GL45 - Ø 6,4 mm) (Elite 1 kg: Ø 3.2 mm) per pump, monitoring software, USB cable, USB stick, power cord, 1 BagOpen® 400 for dilutors, user's manual, quick user guide, 10 GeckoGrip, free sample of sterile bags.

Technical specifications

DiluFlow®	1 kg: Single pump	1 kg: Double pump	5 kg: Single pump	5 kg: Double pump
Maximum weight	1 000 g		5 000 g	
Power	100-240V~ 50/60 Hz			
Size (w x d x h)	31 x 41.5 x 37.5 cm	37 x 41.5 x 37.5 cm	31 x 41.5 x 37.5 cm	37 x 41.5 x 37.5 cm
Weight	13 kg	15.5 kg	13 kg	15.5 kg
Reference	503 101	503 201	503 105	503 205

Options



Pump module
réf. 505 007



Handy gun
réf. 561 001



Booster kit
réf. 511 000

Jumbo kit also available



NEW

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Traceability:



Applications

- Microbiological analyses
- Gravimetric dilutions / Liquids dispensing
- Precise weighing system
- For samples requiring traceability

Advantages

- ▶ Up to 6 pumps with 4 connectable pumps
- ▶ Multi-distribution mode, patented
- ▶ Bidirectional connectivity (LIMS)