	Gravimat® Gravimetric dilutor, single pump	Ref. 510 230
	High-performance and traceability. Gravimat® automatically dilutes a solid sample with the appropriate weight of diluent. All the dilution and distribution methods can be selected directly from the screen of the device. The automatic memorization of the dilution factor makes the dilutions easily repeatable and reproducible.	

TECHNICAL SPECIFICATIONS

- ▶ Dilution time:
 - < 20 secs. for 250 ml
 - < 10 secs. for 250 ml with Booster kit
 - ▶ Dilution factor: from 1/2 to 1/999
 - ▶ Maximum weight: 2 500 g (in option weighing cell of 5 000 g)
 - ▶ Accuracy:
 - < 0.05 g for sample weighing
 - > 99 % for liquid mass dispensing (for a sample weight > 1 g)
 - ▶ Weighing and dispensing functions in one unit:
 - Weighing platform: accuracy 0.05 g
 - Liquid dispensing: accuracy 0.1 g
 - ▶ RS 232 output to transfer information to Excel™, LIMS or printer. USB input for keyboard or barcode reader. Traceability information: date, time, user code, pump selection, sample ID, sample weight, dilution factor, dilution accuracy, diluent, total weight, last calibration date
 - ▶ Easy cleaning: all stainless steel + electronic parts protected
 - ▶ Multi-lingual screen: French, English, German, Spanish, Italian, Japanese, Chinese
-
- ▶ Power: ~100-240V / 50-60Hz
 - ▶ Machine: size (L x W x H): 42 x 31 x 32 cm, weight: 11 kg
 - ▶ Box: size (L x W x H): 56 x 42 x 42 cm, weight: 18.5 kg
-
- ▶ 1 year guarantee (after registration)
 - ▶ Life time service
 - ▶ In compliance with: ISO 7218, ISO 6887-1, AFNOR V08-010 standards
 - ▶ Designed and made in France
 - Manufactured under: ISO 9001 V2000, CE, WEEE 2002/96/EC, RoHS 2002/95/EC standards

DELIVERED WITH

- ▶ 1 pump
- ▶ 1 autoclavable 5L bottle
- ▶ 2 sets of autoclavable dispensing assemblies
- ▶ Power cord
- ▶ 1 BagOpen® 400
- ▶ 1 round weighing platform
- ▶ User manual, IQ/OQ/PQ guidelines
- ▶ Quick user guide
- ▶ Free samples of sterile bags: BagPage® +400, BagFilter® 400 P, BagFilter® 400 S, BagLight® 400 PolySilk®


OPTIONS / ACCESSORIES

- ▶ Ref. 511 000 Kit booster pump
- ▶ Ref. 513 001 5L autoclavable bottle
- ▶ Ref. 513 002 Dispensing arm for operation in air-flow cabinet
- ▶ Ref. 513 003 Dispensing assembly
- ▶ Ref. 513 004 Silicone tubing
- ▶ Ref. 513 005 500 g calibrated COFRAC weight
- ▶ Ref. 513 006 Dispensing assembly for booster kit
- ▶ Ref. 513 007 Air filter
- ▶ Ref. 513 009 Small silicone tubing for booster

- ▶ Ref. 513 010 Silicone tubing for booster
- ▶ Ref. 513 011 Set of silicone tubing for pump
- ▶ Ref. 513 013 Stand for broth bags
- ▶ Ref. 514 001 Small bags stand kit
- ▶ Ref. 514 010 BagOpen® 100, bag opener stand for holding bags
- ▶ Ref. 514 040 BagOpen® 400, bag opener stand for holding bags
- ▶ Ref. 516 008 Dispensing small assembly for booster kit
- ▶ Ref. 521 000 Printer
- ▶ Ref. 521 012 Printer sticker
- ▶ Ref. 521 110 Printer paper
- ▶ Ref. 522 000 Barcode reader
- ▶ Ref. 600 000 Weighing cell of 5 000 g

CONSUMABLES

- ▶ Ref. 111 425 BagFilter® 400, sterile side-filter bag
- ▶ Ref. 122 025 BagPage® 400, sterile full-surface filter bag
- ▶ Ref. 132 025 BagLight® 400, sterile plain bag
- ▶ Ref. 145 040 RollBag® 1300, sterile sampling bag

	Gravimat® Gravimetric dilutor, double pump	Ref. 512 230
	High-performance and traceability. Gravimat® automatically dilutes a solid sample with the appropriate weight of diluent. All the dilution and distribution methods can be selected directly from the screen of the device. The automatic memorization of the dilution factor makes the dilutions easily repeatable and reproducible. The second pump allows the use of two diluents.	

TECHNICAL SPECIFICATIONS

- ▶ Dilution time:
 - < 20 secs. for 250 ml
 - < 10 secs. for 250 ml with Booster kit
 - ▶ Dilution factor: from 1/2 to 1/999
 - ▶ Maximum weight: 2 500 g (in option weighing cell of 5 000 g)
 - ▶ Accuracy:
 - < 0.05 g for sample weighing
 - > 99 % for liquid mass dispensing (for a sample weight > 1 g)
 - ▶ Weighing and dispensing functions in one unit:
 - Weighing platform: accuracy 0.05 g
 - Liquid dispensing: accuracy 0.1 g
 - ▶ RS 232 output to transfer information to Excel™, LIMS or printer. USB input for keyboard or barcode reader.
Traceability information: date, time, user code, pump selection, sample ID, sample weight, dilution factor, dilution accuracy, diluent, total weight, last calibration date
 - ▶ Easy cleaning: all stainless steel + electronic parts protected
 - ▶ Multi-lingual screen: French, English, German, Spanish, Italian, Japanese, Chinese
-
- ▶ Power: ~100-240V / 50-60Hz
 - ▶ Machine: size (L x W x H): 42 x 37 x 32 cm, weight: 13 kg
 - ▶ Box: size (L x W x H): 69 x 58 x 58 cm, weight: 25 kg
-
- ▶ 1 year guarantee (after registration)
 - ▶ Life time service
 - ▶ In compliance with: ISO 7218, ISO 6887-1, AFNOR V08-010 standards
 - ▶ Designed and made in France
Manufactured under: ISO 9001 V2000, CE, WEEE 2002/96/EC, RoHS 2002/95/EC standards

DELIVERED WITH

- ▶ 2 pumps
- ▶ 1 autoclavable 5L bottle
- ▶ 4 sets of autoclavable dispensing assemblies
- ▶ Power cord
- ▶ 1 BagOpen® 400
- ▶ 1 round weighing platform
- ▶ User manual, IQ/OQ/PQ guidelines
- ▶ Quick user guide
- ▶ Free samples of sterile bags: BagPage® +400, BagFilter® 400 P, BagFilter® 400 S, BagLight® 400 PolySilk®

OPTIONS / ACCESSORIES

- ▶ Ref. 511 000 Kit booster pump
- ▶ Ref. 513 001 5L autoclavable bottle
- ▶ Ref. 513 002 Dispensing arm for operation in air-flow cabinet
- ▶ Ref. 513 003 Dispensing assembly
- ▶ Ref. 513 004 Silicone tubing
- ▶ Ref. 513 005 500 g calibrated COFRAC weight
- ▶ Ref. 513 006 Dispensing assembly for booster kit
- ▶ Ref. 513 007 Air filter

- ▶ Ref. 513 009 Small silicone tubing for booster
- ▶ Ref. 513 010 Silicone tubing for booster
- ▶ Ref. 513 011 Set of silicone tubing for pump
- ▶ Ref. 513 013 Stand for broth bags
- ▶ Ref. 514 001 Small bags stand kit
- ▶ Ref. 514 010 Bag Open® 100, bag opener stand for holding bags
- ▶ Ref. 514 040 Bag Open® 400, bag opener stand for holding bags
- ▶ Ref. 516 008 Dispensing small assembly for booster kit
- ▶ Ref. 521 000 Printer
- ▶ Ref. 521 012 Printer sticker
- ▶ Ref. 521 110 Printer paper
- ▶ Ref. 522 000 Barcode reader
- ▶ Ref. 600 000 Weighing cell of 5 000 g

CONSUMABLES

- ▶ Ref. 111 425 BagFilter® 400, sterile side-filter bag
- ▶ Ref. 122 025 BagPage® 400, sterile full-surface filter bag
- ▶ Ref. 132 025 BagLight® 400, sterile plain bag
- ▶ Ref. 145 040 RollBag® 1300, sterile sampling bag