

	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 diluting and dispensing protocols are selected on the screen, repeatable and reproducible. Data are protected, accessible and traceability is ensured.	

ADVANTAGES

- ▶ Quick, reliable, modular
- ▶ Complete traceability: compatible with LIMS, printer and barcode
- ▶ Weighing and dispensing functions
- ▶ Multi-lingual screen

TECHNICAL SPECIFICATIONS

- ▶ Dilution factor: from ½ to 1/999
 - ▶ Dilution time for a 25 g sample diluted at 1/10th:
 - < 16 s
 - < 8 s with Booster Kit
 - ▶ Distribution time
 - < 16 s for 225 mL
 - < 8 s for 225 mL with Booster Kit
 - ▶ Weighing accuracy:
 - from 0 to 50 g: ± 0.05 g
 - from 50 to 2500 g: < ± 0.1%
 - ▶ Final weight accuracy in dilution and dispensing: less than 1%
 - ▶ Connection: PS2 and USB (for keyboard or barcode reader), RS232 (for printer or LIMS)
 - ▶ RS 232 output to transfer information to Excel™, LIMS or printer. (Parameters: date, time, user code, pump selection, sample ID, USB input for keyboard or barcode reader.)
 - ▶ Traceability information: date, time, user code, pump selection, sample ID, dilution factor...
 - ▶ All stainless steel: easy to clean
 - ▶ Multi-lingual screen: French, English, German, Spanish, Italian, Japanese, Chinese
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- ▶ Power: 100-240 V~ 50-60Hz
 - ▶ Machine: size (W x D x H): 32 x 45 x 42.5 cm, weight: 12.2 kg
 - ▶ Box: size (L x W x H): 56 x 42 x 42 cm, weight: 18.5 kg
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- ▶ 1 year guarantee (after registration)
 - ▶ Life-time service
 - ▶ In compliance with: ISO 7218, ISO 6887-1 ▶ Designed and made in France
Manufactured under: ISO 9001 V2008, 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 sample pack of bags

OPTIONS / ACCESSORIES

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- ▶ **Ref. 511 000** Booster kit
 - ▶ **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 COFRAC calibrated weight, type F1
 - ▶ **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 kit
 - ▶ **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** Small dispensing 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
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CONSUMABLES

- ▶ **Ref. 111 425** BagFilter[®] 400 P, sterile side filter blender bags
- ▶ **Ref. 122 025** BagPage[®] + 400, sterile full-page filter blender bags
- ▶ **Ref. 132 025** BagLight[®] 400 PolySilk[®], plain blender bags
- ▶ **Ref. 145 040** RollBag[®] 1300, sampling blender bags