

# Gravimat®

Gravimetric dilutor



## Easy-to-use, fast & accurate

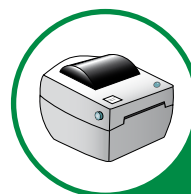
**Gravimat®** automatically dilutes a solid sample with the appropriate mass of solvent.

Any diluting and dispensing method used in labs may be selected **directly on the screen**.

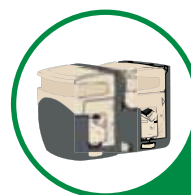
A customized dilution factor is **saved automatically** to be applied to the following dilution.



Barcode reader



RS 232 output printer



"Booster" Kit

interscience

## Multifunctional screen

**Preset dilution** → **DILUTION 1/10**  
**To select your dilution factor** → **YOUR DILUTION**  
**Other dilutor functions:**  
 • Dispensing  
 • Weighing  
 • Tracability  
 • Language  
 • Calibration  
 → **ADVANCED OPERATIONS**  
 → **DISPENSE 185 g**  
**Indicates previous operation** → **MAIN MENU**

**1 2 3**  
**4 5 6**  
**7 8 9**  
**PUMP 0 PUMP**  
**ESC OK**

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**Pump selection**

## Technical specifications

- Dilution time:  
 < 20 secs. for 250 ml  
 < 10 secs. for 250 ml with Booster kit
- Dilution factor 1/2 to 1/999
- Accuracy:  
 < 0.05 g for sample weighing  
 > 99% for mass of liquid dispensing  
 (for a sample weight > 1 g)
- Max. weight: 2 500 g
- Weighing and dispensing functions in one unit.  
 Weighing platform: accuracy 0.05 g  
 Dispensing of liquid: accuracy 0.1 g
- RS 232 output for transferring informations to Excel™, LIMS or a printer.  
 Parameters: date, time, user code, pump selection, sample ID, sample weight, total weight, dilution factor, dilution accuracy...
- Stainless steel - easy to clean.
- Multi-lingual screen: French, English, German, Spanish, Italian, Japanese...
- Dim.: 25 x 42 x 30 cm - Weight: 10 kg
- Power: 220 V / 110 V - 50 Hz / 60 Hz

## Options

- |   | <i>References</i> |
|---|-------------------|
| • Gravimat® exists in <b>2 models</b> :               |                   |
| Gravimat® single pump (220V)*                         | 510 230           |
| Gravimat® double pump (220V)*                         | 512 230           |
| • 5 liter autoclavable bottle                         | 513 001           |
| • Printer   | 521 000           |
| • Barcode reader                                      | 522 000           |
| • Booster kit<br>(double pump assembly & tubing)      | 511 000           |
| • "100 ml bags" kit<br>(BagOpen® stand & base)        | 514 010           |
| • Dispensing arm for operation in<br>air-flow cabinet | 513 002           |
| • Calibrated Cofrac weight (500 g) - F1               | 513 005           |

\* Gravimat® 110 V single pump 510 110, double pump 512 110

## Consumables

- |                            | <i>References</i> |
|----------------------------|-------------------|
| • Full dispensing assembly | 513 003           |
| • Air filter               | 513 004           |
| • Silicone tubing          |                   |
| • Paper for printer        |                   |
| • Sterile filter bags:     |                   |
| BagFilter®                 | 111 425           |
| BagPage® +                 | 122 025           |
| BagPage® R                 | 161 025           |

Please ask for the complete list of consumable items.



In compliance with AFNOR V08-010 standard

Gravimat® is delivered with: **BagOpen®**, 5 liter autoclavable bottle (1 per pump) and **autoclavable dispensing assemblies** (2 per pump) very easy to install.

### BagMixer® 400 CC lab blender

- Quotation  
 Demonstration

I would like to receive more info on:

- BagFilter®** filter-bags  
 **BagMixer®** blender  
 **BagTools®** accessories  
 **BagSystem®** method  
 **easySpiral®** automatic plater  
 **Scan®** colony counters

Please return this form to your local distributor or to intercience.

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