

Gravimat®

Gravimetric dilutor

Technical notice G n°GB 04020

GB



Easy-to-use, fast & accurate

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

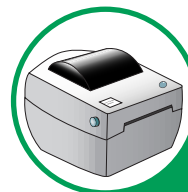
Any diluting and dispensing method used in labs may be selected **directly on the screen**.

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

interscience



Barcode
reader



RS 232 output
printer



"Booster" Kit

Multifunctional screen

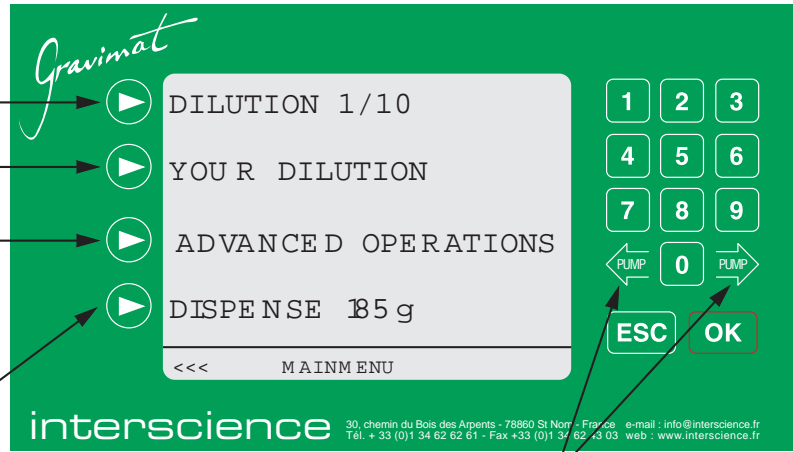
Preset dilution

To select your dilution factor

Other dilutor functions:

- Dispensing
- Weighing
- Tracability
- Language
- Calibration

Indicates previous operation



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 printer or LIMS.
 - 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 2 models : | |
| 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 (double pump assembly & tubing) | 511 000 |
| • "100 ml bags" kit (BagOpen® stand & base) | 514 010 |
| • Dispensing arm for operation in 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

- | | | |
|-----------------------------------|---------------------|---------|
| • Full dispensing assembly | • Air filter | |
| • 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.

Please fax this form to **+33 (0)1 34 62 43 03** indicating your request.

Gravimat® dilutor :

- Quotation
- Demonstration
- BagFilter®** filter bags
- BagMixer®** blenders
- BagTools®** accessories
- BagSystem®** method
- Spiral®** Plater
- others

Name _____

Company _____

Address _____

ZipCode _____ Country _____

Phone _____ Fax _____

e-mail _____ web _____

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