

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.

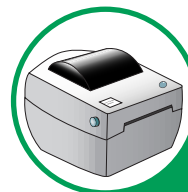
Any diluting and dispensing method used in labs may be selected **directly on the screen**.

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

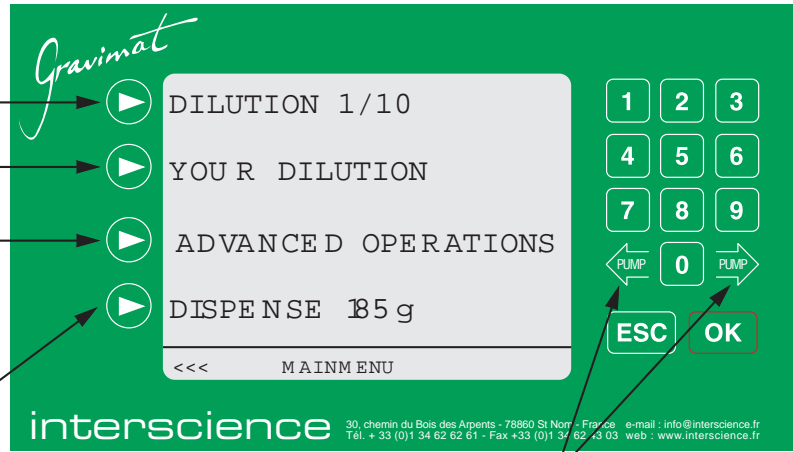
Preset dilution

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

	References
• 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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