

A close-up, black and white photograph of a metallic handle for a piece of scientific equipment. The handle is rectangular with a large, central, U-shaped cutout. The word "BagMixer" is printed in a bold, sans-serif font in the upper left corner of the handle's frame.

BagMixer®

Catalog

Scientific equipment for microbiology

interscience

2 **Gravimat®**

Gravimetric dilutors
Automatic dilution



1 **BagSystem®**

Blender bags range
For a secure analysis



3 **BagMixer®**

Lab blenders
Optimal bacterial extraction



4 **BagTools®**

Lab tools
Security and comfort

1 **BagSystem®**

Blender bags range
For a secure analysis



5 **easySpiral®**

World's fastest bacterial plater
Fast and economical method

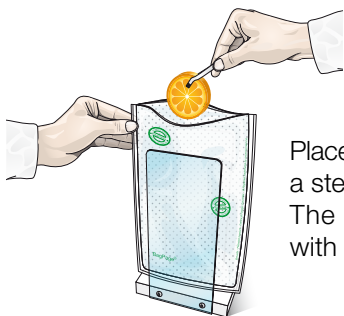


6 **Scan®**

Automatic colony counters
Complete results and traceability

For a safe analysis: from sample preparation...

1 Collect the sample

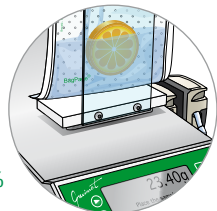


Place the solid sample in a sterile filter bag. The bag stands open with a BagOpen®.

2 Dilute the sample

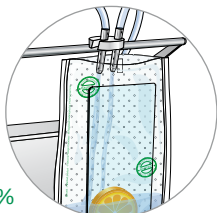
- Weigh the sample on the Gravimat® dilutor.

⌚ 3 sec. / precision: 98%



- Gravimat® dilutor automatically adds the appropriate mass of diluant.

⌚ 10 sec. / precision: 98%



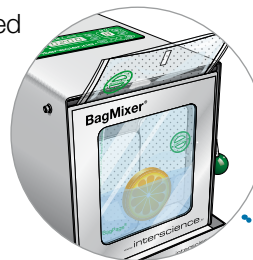
3 Homogenize the sample

- The sample is homogenized with the BagMixer®. There is no contact between the sample and the machine to avoid cross-contamination.

⌚ 1 min.

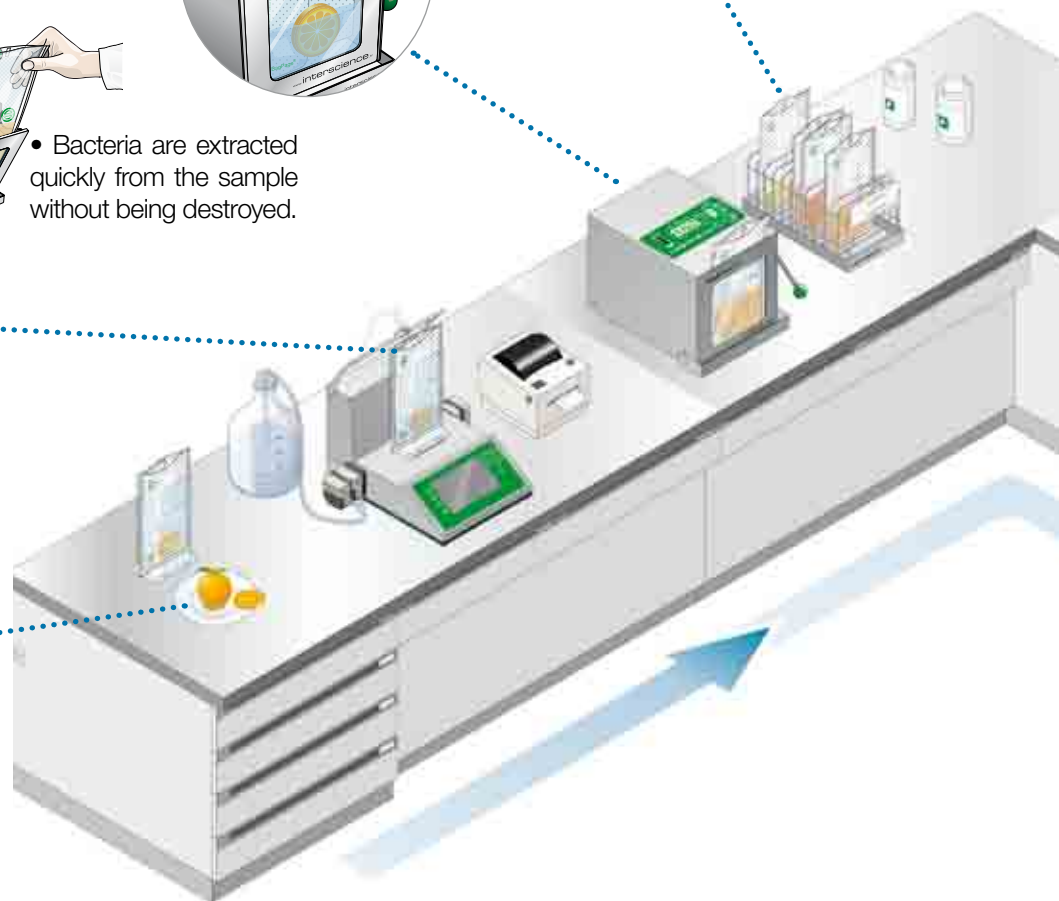


- Bacteria are extracted quickly from the sample without being destroyed.



4 Lab tools

The homogenized samples are closed by BagClips® and stored in the BagRack®.



... to bacterial enumeration

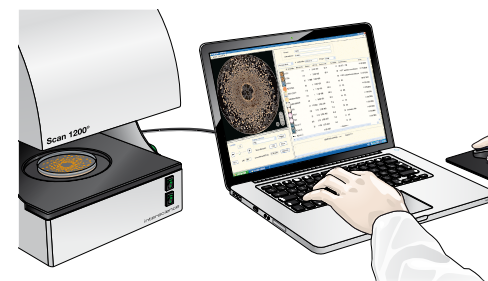
interscience

Place your PetriPile®
with 36 Petri dishes
in the incubator.

7 Colony counting

With Scan® automatic colony counter, get bacterial results in 1 second. Images and results are automatically saved in your computer for traceability.

🕒 5 sec. / precision: 98%



CFU Images/results/sample data available as:



Excel™ file



Printed PDF report



Recountable Scan® file

6 Automatic plating

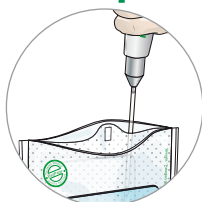
- Place your filtered sample in a sterile beaker.

- The Spiral® plater automatically plates the sample on 1 Petri dish, avoiding several manual dilutions. Sensitivity: 200 to 4 million CFU/mL.

🕒 30 sec. / precision: 98%



5 Pipet the filtered sample



Sterile and instant filtration of the sample thanks to the integrated filter of the filter bag.



Gravimat®

Gravimetric dilutor

The Gravimat® automatically dilutes a solid sample with the appropriate mass of solvent. Any diluting and dispensing method used in lab may be selected directly on the screen. A customized dilution factor is saved automatically to be applied to the following dilution. Dilutions are repeatable and reproducible and your data are protected, accessible and traceable.

Applications

- Microbiology analyses
- Gravimetric dilution / liquid dispensing
- Precise weighing system
- For sample analyses requiring traceability

**HIGH-PERFORMANCE
AND TRACEABILITY**

Specifications

- Dilution time: < 20 secs. for 250 ml
With Booster kit: < 10 secs. for 250ml
- Dilution factor 1/2 to 1/999
- Accuracy (for a sample weight > 1g):
< 0.05 g for sample weighing
> 99 % for mass of liquid dispensing
- Weighing and dispensing functions in one unit
Weighing platform: accuracy 0.05 g
Dispensing of liquid: accuracy 0.1 g
- Multi-lingual screen: French, English, German,
Spanish, Italian, Japanese, Chinese...
- RS 232 output for printer or LIMS
(Printed data: date, time, user code,
pump selection, sample ID, sample weight,
total weight, dilution factor, dilution accuracy...)
- Maximum weight: 2500 g
- Stainless steel



video demo
www.interscience.fr

Delivered with: 1 or 2 pumps / 2 sets of autoclavable dispensing assemblies per pump / 1 BagOpen® / 1 round weighing platform / 1 autoclavable 5 liter bottle / 1 BagFilter® sample pack

Technical specifications

Gravimat®	Simple pump	Double pump
Maximum charge	2500g	2500g
Power	220/110V - 50/60Hz	220/110V - 50/60Hz
Size (l x w x h)	42 x 31 x 32 cm	42 x 37 x 32 cm
Weight	11 kg	13 kg
Reference	510 230	512 230

Options



Booster kit
ref. 511 000



Printer
(RS 232output)
ref. 521 000



Bar-code
reader
ref. 522 000



Stand for
broth bags
ref. 513 013



Dispensing arm
ref. 513 002

- ✓ Fast, reliable, modular
- ✓ Complete traceability: compatible with LIMS, printer and bar-code
- ✓ Weighing and dispensing system
- ✓ Multi-lingual screen
- ✓ Easy cleaning
- ✓ ISO 6887-1 norm

BabyGravimat®

Gravimetric dilutor

The BabyGravimat® is an easy-to-use gravimetric dilutor which quickly dilutes any sample by pressing 2 buttons. Compatible with any container, the BabyGravimat® allows the use of two diluents.

Applications

- Microbiology analyses
- Gravimetric dilution / liquid dispensing

**USER-FRIENDLY
AND ACCURATE**

Specifications

- Dilution time: < 20 secs. for 250 ml
- Dilution factor: 1/2 to 1/99
- Accuracy: (for a sample weight > 1g)
< 0.1 g for sample weighing
> 99 % for liquid mass dispensing
- Dispensing of liquid: accuracy 0.1 g
- RS 232 output for printer or LIMS
(Printed data: pump selection, accuracy, sample weight, total weight, dilution factor, distribution factor...)
- Maximum weight: 1000 g
- Stainless steel



video demo

www.interscience.fr

- Delivered with: 1 or 2 pumps / 2 sets of autoclavable dispensing assemblies per pump / 1 BagOpen® bag holder / 1 BagFilter® sample pack

Technical specifications

BabyGravimat®	Simple pump	Double pump
Maximum charge	1000g	1000g
Power	220/110V - 50/60Hz	220/110V - 50/60Hz
Size (l x w x h)	38 x 31 x 16 cm	42 x 37 x 16 cm
Weight	8 kg	9 kg
Reference	500 230	502 230

Options



Printer (RS 232 output)
ref. 521 000



Adjustable
arm
ref. 513 014



Stand for
broth bags
ref. 513 013

- ✓ Compact
- ✓ Easy-to-use: 2 keys for a dilution
- ✓ Distribution and weighing function
- ✓ Compatible with any container
- ✓ Easy cleaning