

JumboGravimat[®]

Large capacity gravimetric dilutor for solid samples

The optimal solution
for large volumes dilutions



interscience

High performance and traceability

JumboGravimat® is a gravimetric dilutor for the dilution of samples up to 5000 g. It is greatly appreciated by labs doing E. Coli O157:H7 analyses, trichinella, salmonella, child milk powder, chocolate, sterility, Cryptosporidium and Giardia parasites, sample pooling (e.g.: 15 samples of 25 g to reach 375 g) tests.

Efficiency

375 g diluted to 1/10th in 75 s
225 mL distributed in 8 s
3000 mL distributed in 60 s
Accuracy > 99 %

Sterility guaranteed

Tubing is autoclavable
and removable without tools

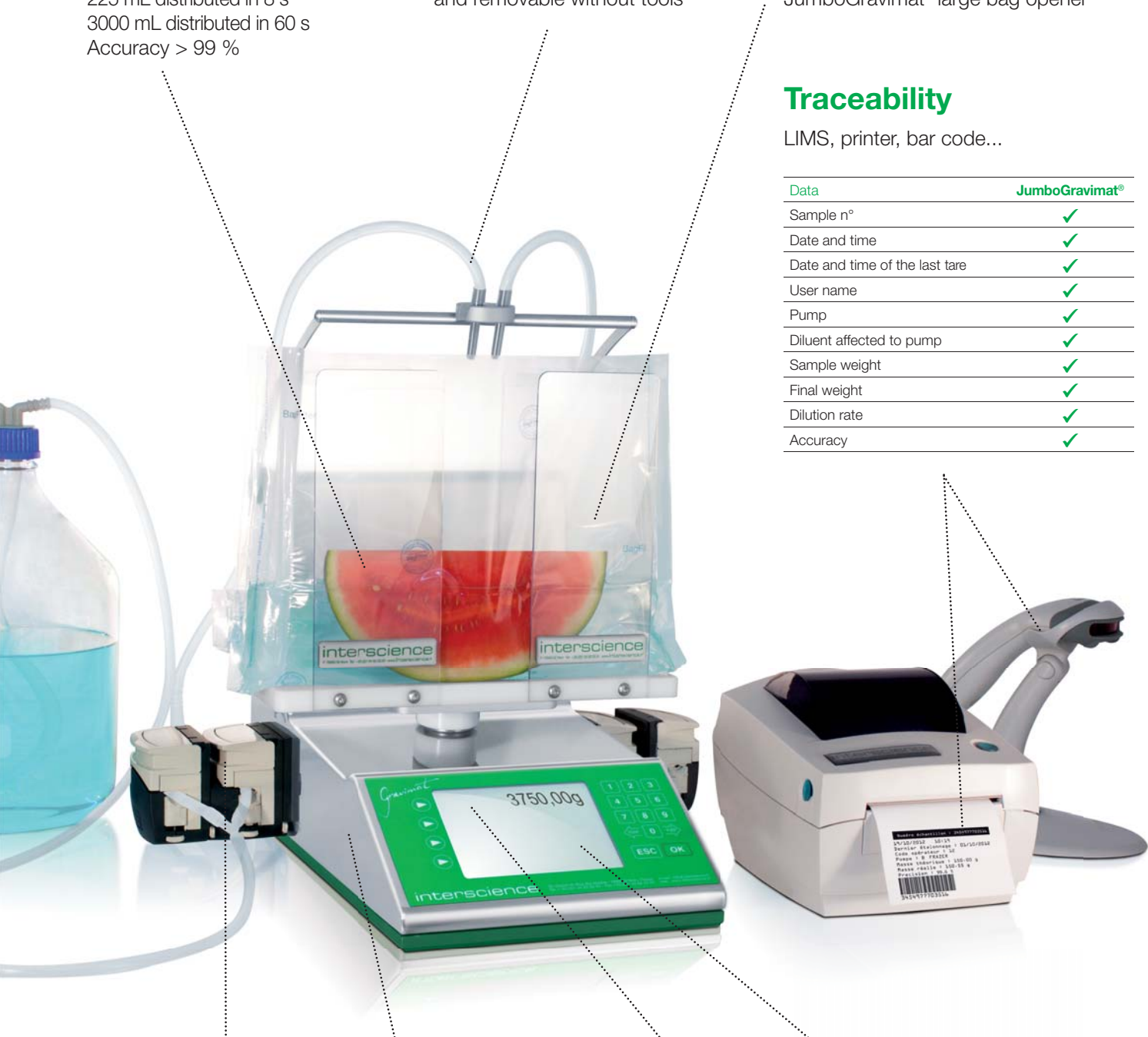
Adapted to big volumes

5000 g maximum charge
JumboGravimat® large bag opener

Traceability

LIMS, printer, bar code...

| Data | JumboGravimat® |
|--------------------------------|----------------|
| Sample n° | ✓ |
| Date and time | ✓ |
| Date and time of the last tare | ✓ |
| User name | ✓ |
| Pump | ✓ |
| Diluent affected to pump | ✓ |
| Sample weight | ✓ |
| Final weight | ✓ |
| Dilution rate | ✓ |
| Accuracy | ✓ |



Easy cleaning

All stainless steel casing

Largest screen on the market

High quality

Watson Marlow™ peristaltic pumps

Preset dilution and distribution methods

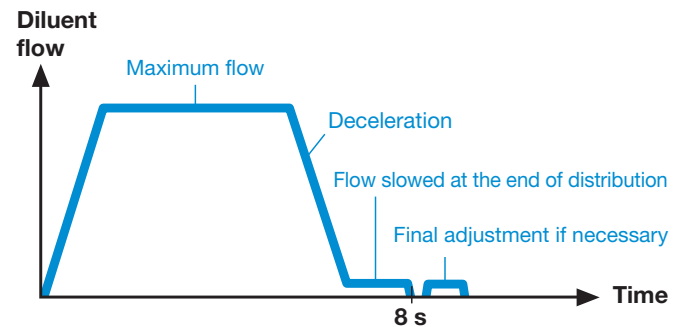
Advanced features:

Fully autoclavable tubings specially designed for labs



The tubing easily connects to a media preparator or a bottle. The system is fully secure from storage to distribution. The tubing is fully autoclavable and removable without tools.

High-tech flow regulator



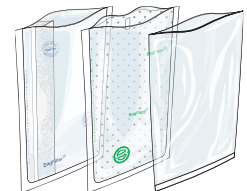
Our dilutors are equipped with a high-tech flow regulator. If necessary, the flow is slowed down towards the end of the dispensing and then automatically adjusted for an accuracy over 99%.

JumboLine®

Perfect for your 375 g samples diluted to 1/10th!



JumboMix® 3500
Large lab blender
Ref. 032 230



BagFilter® 3500
Sterile bag with lateral filter
Ref. 113 510

BagPage® 3500
Sterile bag with full-page filter
Ref. 123 010

BagLight® 3500
Sterile bag
Ref. 133 025



BagOpen® 3500
Bag opener
Ref. 211 350



BagRack® 3500
2 compartments - Ref. 221 352
4 compartments - Ref. 221 350



BagClip® 3500
Closing clips
Ref. 231 350



BagPipet® & BagTips
Pipet - Ref. 251 091
Sterile tips - Ref. 252 024

Accessories and technical specifications



RS 232 thermal printer

Printed distribution data (date, time, operator...)
(paper 521 110 - labels 521 012)

Ref. 521 000



Barcode reader

For sample traceability

Ref. 522 000



Trocar for broth bags

For easy connection of the tubings with broth bags

Ref. 513 020

JumboGravimat®

Ref. 510 235 JumboGravimat® single pump 1
Ref. 512 235 JumboGravimat® double pump 1

Accessories

Ref. 513 001 5L autoclavable bottle 1
Ref. 513 012 Distribution platform 1
Ref. 513 015 Independent double bag stand 1

Sales unit

Sales unit

Tubings and accessories

Ref. 513 041 Dispensing assembly inner Ø 6.4 mm 1
Ref. 513 042 Silicone tubings inner Ø 6.4 mm + "Y" connectors 5
Ref. 561 304 Silicone tubings for pump inner Ø 6.4 mm 5
Ref. 513 023 5 autoclavable filters (0.2 µm) 5
Ref. 513 024 5 steel tips 5

Sales unit

JumboGravimat® delivered with 1 or 2 pumps, 1 booster kit for each pump head, 2 tubings Ø 6.4 mm per pump head, 1 unit 5L autoclavable bottle, 1 BagOpen® 400, 1 BagOpen® JumboGravimat®, 1 round weighing platform, user's manual, quick user guide, power cord, free samples of 400 mL and 3500 mL blender bags.

| Reference | JumboGravimat® | |
|---|---|----------------------------|
| | Single pump 510 235 | Double pump 512 235 |
| Ultra quick tare (< 1 s) | ✓ | |
| Language | english/french/german/spanish/italian/chinese/japanese | |
| Maximum weight | 5000 g | |
| Power | 100-240 V~ 50/60 Hz | |
| Dimensions (w x d x h) | 37 x 42 x 32 cm | 49 x 42 x 32 cm |
| Weight | 14 kg | 15 kg |
| Dilution time for 25 g sample diluted to 1/10 th | < 8 s | |
| Dilution time for 375 g sample diluted to 1/10 th | < 75 s | |
| Distribution speed | < 8 s for 225 mL | < 60 s for 3000 mL |
| Dilution factor | from 1/2 to 1/999 | |
| Weighing accuracy | from 0 to 100 g : ±0,1 g | from 50 to 5000 g : ±0,1 % |
| Dilution accuracy (for a sample weight > 10 g diluted to 1/10 th) | > 99 % | |
| Liquid distribution > 100 g | > 99 % | |
| Traceability | USB and PS2 port for keyboard or bar-code reader RS 232 port for transfer to Excel™, LIMS or printer | |
| All stainless steel 304L | ✓ | |
| Made in France | ✓ | |
| 1 year guarantee | ✓ | |
| Certified production | | |
| | | |
| | | |

Distributor

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