

From sample preparation...

3 Homogenizing the sample

- The sample is homogenized with the **BagMixer**®. There is no contact between the sample and the machine to avoid cross-contamination.
- The bacteria are quickly extracted from the sample without being destroyed.

1 min.



4 Organizing the samples

- The homogenized samples are closed with **BagClip**® and stored in the **BagRack**®.



2 Diluting the sample

- Weigh the sample with the **DiluFlow**® dilutor.

1.5 s/precision: > 99 %



- **DiluFlow**® dilutor automatically adds the appropriate mass of diluent.

8 s/precision: > 99 %

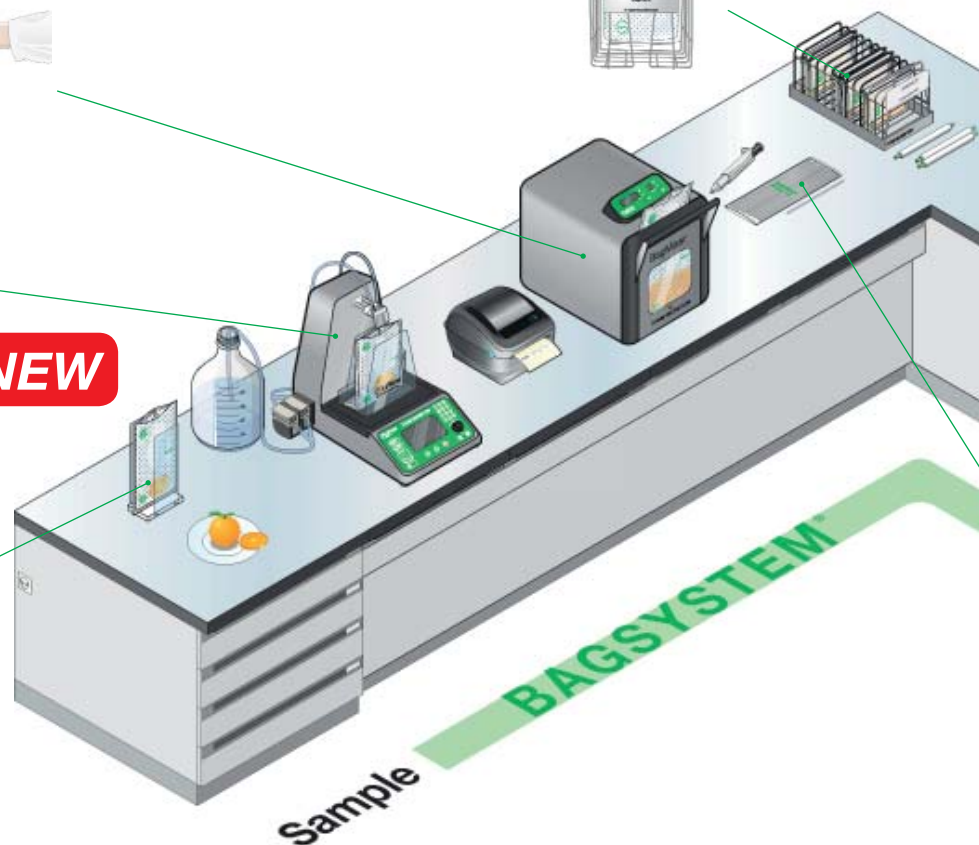


1 Collecting the sample

- Place the sample in a **BagPage**® filter bag. The bag stands upright with a **BagOpen**®.

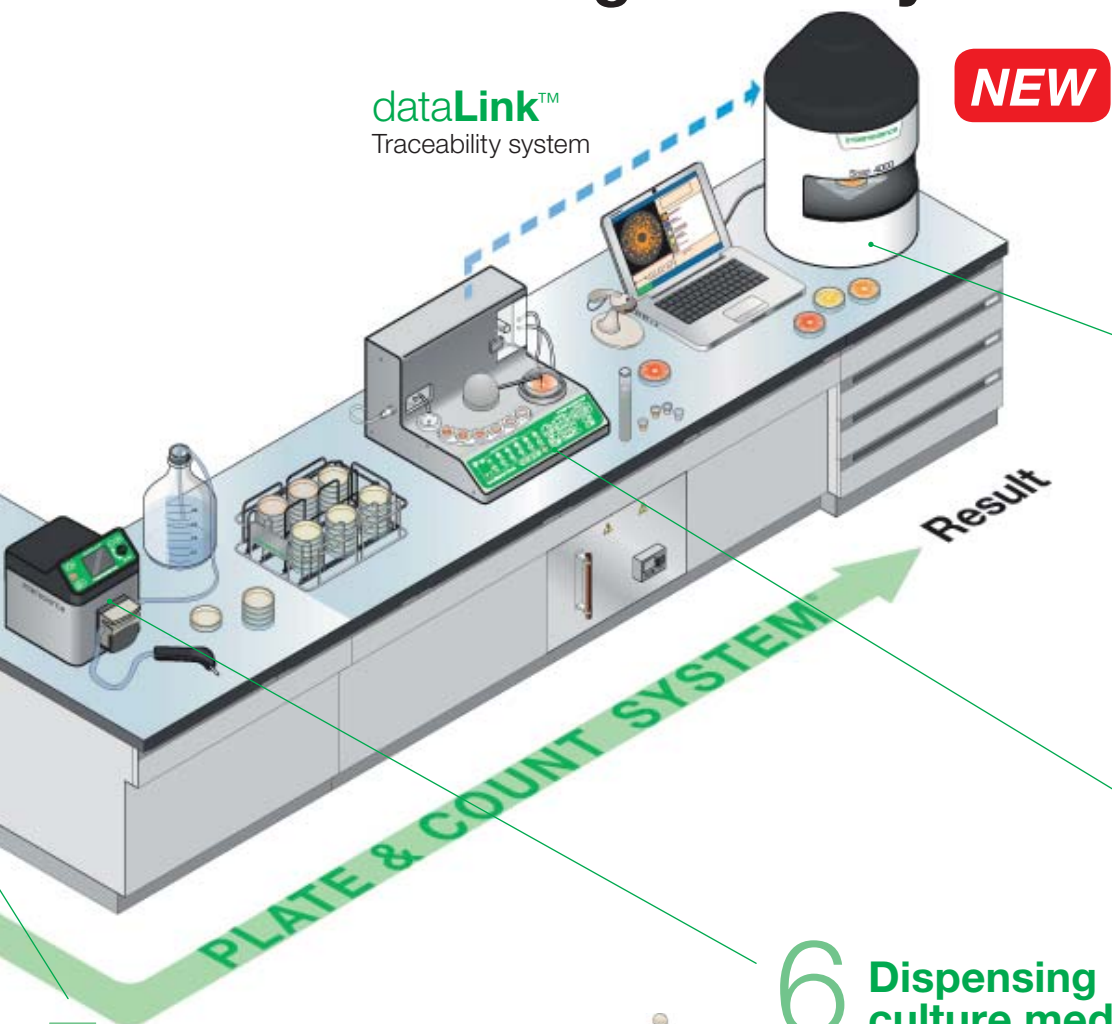


NEW



...to microbiological analysis

interscience



5 Pipet the filtered sample

- With **BagPipet®**, pipet the filtered sample easily thanks to the integrated filter of the bag.



6 Dispensing culture media

- With **FlexiPump®** serial dispensing is precise and efficient.

8 Counting the colonies

- With the automatic **Scan®** colony counter, get microbiological results in 1 click. Images and results are automatically saved on your computer to ensure traceability.

⌚ 5 sec./precision: > 98 %



CFU images/results/samples data available in:



Excel™ file



Printed PDF report



Recountable Scan® file

7 Automatic plating

- Place your filtered sample in a beaker.
- The spiral plater easy**Spiral Dilute®** automatically dilutes and plates the sample on 1 Petri dish, avoiding several manual dilutions. Maximum microbial charge: 1×10^{12} CFU/mL.

⌚ 134 sec. (for 1 disinfection, 5 dilutions and 1 plating)/precision: > 98 %



BagSystem®

How to prepare your sample?

The BagSystem® is a full range of products for the quick and safe preparation of the sample before its microbiological analysis.

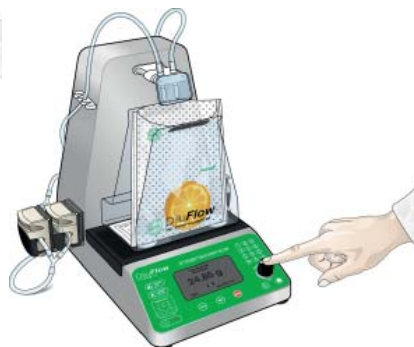
- ▶ No risk of cross-contamination
- ▶ Accurate results with excellent reproducibility
- ▶ Significantly increases your analyzing capacities

1 Collect the sample



Place the sample in a **BagPage®** or in a **BagFilter®** bag.

2 Dilute the sample



Add the diluent with **DiluFlow®**, gravimetric dilutor.

3 Homogenize the sample



The sample is homogenized with its diluent in the **BagMixer®** lab blender. The filtration of the sample occurs in the filter bag during blending.

4 Pipet the filtrate



Pipet the sample with **BagPipet®**. Filtration is sterile and instant. The sample is ready for plating and analysis.

5 Prepare your media



Prepare your media (in test tubes, bottles, Petri dishes...) for optimal plating of the sample with **FlexiPump®**.

BagFilter®

Why use a filter bag?



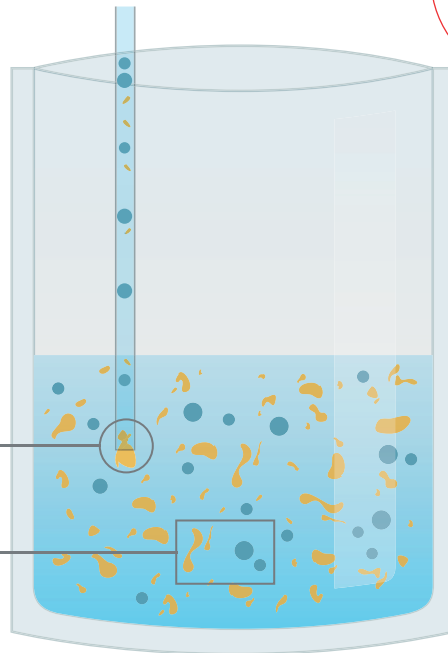
Standard bag

No filtration

- Diluted and blended sample particles
- Microorganisms to be analyzed

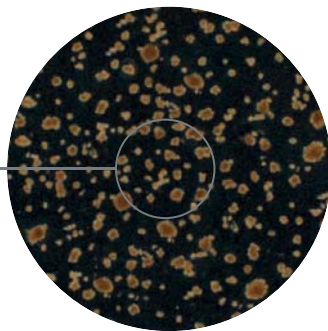
Blocked pipet

Sample mixed with microorganisms



After plating and incubation

Debris or colonies?



Time-consuming and inaccurate results



Filter bag

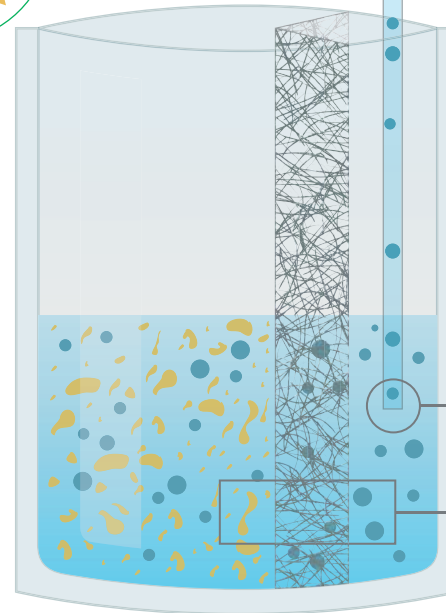
Instant filtration



- Diluted and blended sample particles
- Microorganisms to be analyzed
- Filter

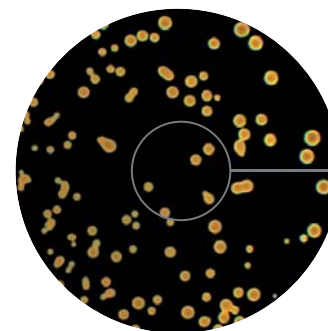
Easy pipetting

Filtered and separated sample and microorganisms



After plating and incubation

Only colonies!



Optimized process and accurate results

BagFilter® Lateral filter bags

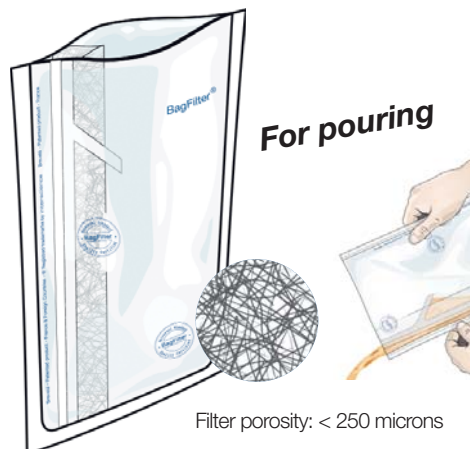
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6887-1FDA BAM
Bacteriological Analytical
Manual

Lateral filter, ideal for fibrous sample

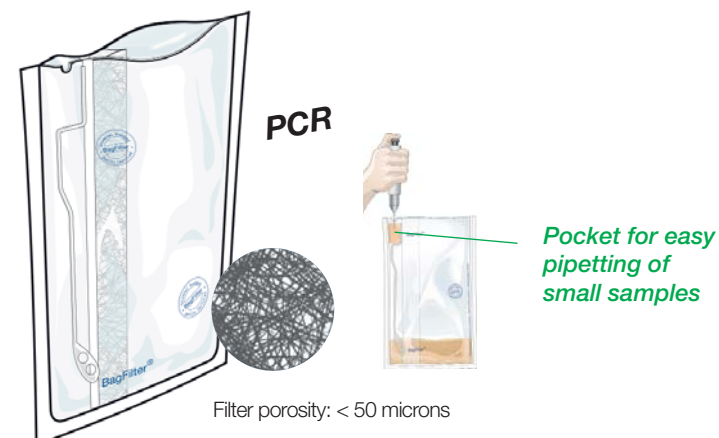
Lateral filter bag for the homogenization and automatic filtration of the sample.



Filter porosity: < 250 microns



Filter porosity: < 250 microns



Filter porosity: < 50 microns

BagFilter® P NEW SIZE

- Ideal for pipetting
- Multilayer® multicoated reinforced complex
- Lateral non-woven filter
- Filter porosity: < 250 microns
- Available in 400/2000/3500 mL

BagFilter® S

- Ideal for pouring: with a weld to retain particles
- Multilayer®: multicoated reinforced complex
- Lateral non-woven filter
- Filter porosity: < 250 microns
- Available in 400 mL

BagFilter Pull-Up® Patented

- Ideal for pipetting small volumes: ≤ 1000 µL
- Multilayer®: multicoated reinforced complex
- Lateral non-woven filter
- Filter porosity: < 50 microns
- Available in 400 mL

Technical specifications

BagFilter®	400 P	400 S	Pull-Up® 400	2000 P	3500 P
Max blending volume	400 mL	400 mL	400 mL	2000 mL	3500 mL
Optimal blending volume	50 - 300 mL	50 - 300 mL	50 - 300 mL	400 - 1500 mL	400 - 3500 mL
Bag dimensions	190 x 300 mm	190 x 300 mm	190 x 300 mm	250 x 380 mL	380 x 600 mm
Pack of	25	25	25	25	10
Box of	500	500	500	400	100
Reference	111 425	112 425	111 625	111 200	113 510

Advantages

- ▶ Same bag for homogenization, filtration and pipetting
- ▶ Particle-free solution: easy reading of the colonies
- ▶ Compatible with any blender
- ▶ Approved for food contact

BagPage® Full-page filter bags

ISO
7218

ISO
6887-1

FDA BAM
Bacteriological Analytical
Manual

PATENTED



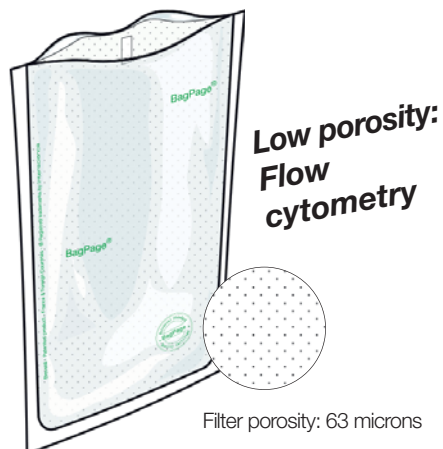
Full-page filter, ideal for pasty sample



Best seller

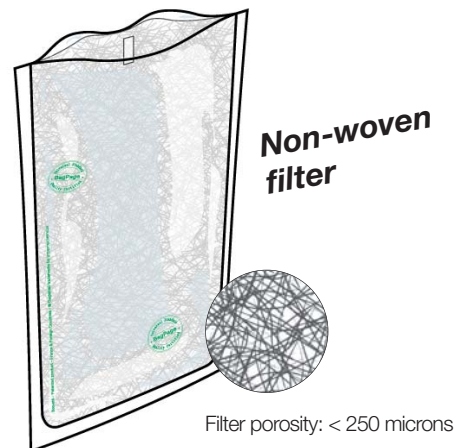
Micro-perforated filter

Filter porosity: 280 microns



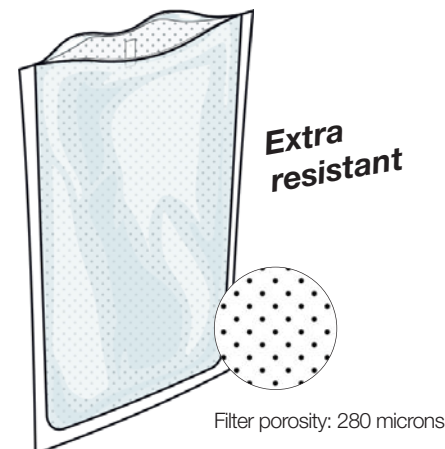
Low porosity:
Flow cytometry

Filter porosity: 63 microns



Non-woven filter

Filter porosity: < 250 microns



Extra resistant

Filter porosity: 280 microns

BagPage®+ NEW SIZE

- Multilayer®: reinforced multicoated complex
- Full-page calibrated microperforated filter
- Filter porosity: 280 microns
- Also available: **BagPage® U**
(round bottom for circulating blenders)
- Available in 100/400/2000/3500 mL

BagPage® F

- For flow cytometry, PCR
- Multilayer®: reinforced multicoated complex
- Full-page calibrated microperforated filter
- Low porosity filter: 63 microns
- Available in 400 mL

BagPage® R

- Multilayer®: reinforced multicoated complex
- Non-woven full-page filter
- Filter porosity: < 250 microns
- Available in 400 mL

BagPage® XR

- 50 % thicker
- For hard-to-blend samples
- Full-page calibrated microperforated filter
- Filter porosity: 280 microns
- Available in 400 mL

Technical specifications

BagPage®	100	+ 400	+ 400 U	+ 400 F	+ 400 R	+ 400 XR	+ 2000	+ 3500
Max blending volume	100 mL	400 mL	400 mL	400 mL	400 mL	400 mL	2000 mL	3500 mL
Optimal blending volume	5 - 50 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	400 - 1500 mL	400 - 3500 mL
Bag dimensions	95 x 180 mm	190 x 300 mm	190 x 300 mm	190 x 300 mm	190 x 300 mm	190 x 300 mm	250 x 380 mm	380 x 600 mm
Pack of	25	25	25	25	25	25	25	10
Box of	500	500	500	500	500	400	250	100
Reference	121 025	122 025	122 225	122 325	161 025	122 425	122 200	123 010

Advantages

- ▶ Large convenient opening
- ▶ Indication for easy pipetting
- ▶ Instant filtration during homogenization
- ▶ Particle-free solution: easy counting of the colonies
- ▶ Compatible with any blender

BagLight® Non-filter bags

Bag for sample homogenization.

ISO
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Manual



BagLight® PolySilk® NEW SIZE

- PolySilk®: polyolefin complex
- Flexible and transparent
- Available in 100/400/2000/3500 mL



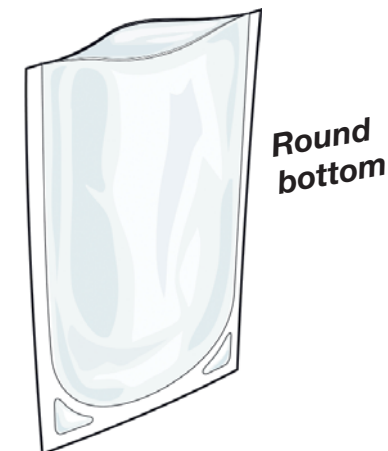
BagLight® PolySilk® HD

- Easy to write on
- High Density PolySilk®
- Rigid, matte and slightly opaque
- Available in 400 mL



BagLight® Multilayer®

- Multilayer®: multicoated reinforced complex
- Reinforced weldings
- Available in 400 mL



BagLight® Multilayer® U

- Designed for circulating blenders
- Multilayer®: multicoated reinforced complex
- Reinforced weldings
- Available in 400 mL

Technical specifications

BagLight®	PolySilk® 100	PolySilk® 400	PolySilk® HD	Multilayer®	Multilayer® U	PolySilk® 2000	PolySilk® 3500
Max blending volume	100 mL	400 mL	400 mL	400 mL	400 mL	2000 mL	3500 mL
Optimal blending volume	5 - 50 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	50 - 300 mL	400 - 1500 mL	400 - 3500 mL
Bag dimensions	110 x 200 mm	175 x 300 mm	175 x 300 mm	190 x 300 mm	190 x 300 mm	250 x 380 mm	380 x 560 mm
Pack of	25	25	25	25	25	25	25
Box of	500	500	500	500	500	500	250
Reference	131 025	132 025	132 325	132 225	132 125	132 200	133 025

Advantages

- ▶ Excellent value for price
- ▶ Resistant to freezing and high temperatures (from -40°C to 80°C / -40°F to 176°F)
- ▶ Compatible with any blender
- ▶ Approved for food contact

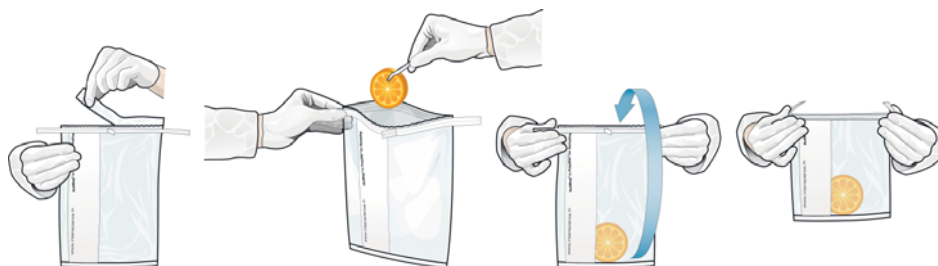
RollBag® Sampling bag

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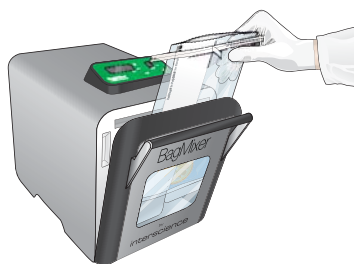
ISO
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FDA BAM
Bacteriological Analytical
Manual

Bag for sampling and samples homogenization.



Easy transportation of the sample



Collect the sample
and blend in the same bag



Handy for pipetting

RollBag® Sampling bag

- Wire-reinforced sealing, stainless steel
- PolySilk®: polyolefin complex
- Flexible and transparent

Technical specifications

RollBag®	1300
Max sampling volume	1300 mL
Optimal blending volume	50 - 300 mL
Bag dimensions	175 x 290 mm
Box of	500
Reference	145 040

Advantages

- ▶ Pre-cut opening of the bag
- ▶ Marking zone
- ▶ Tight closure
- ▶ Resistant up to 80°C
- ▶ Approved for food contact

OEM Custom manufacture

Ask us about bags specifically designed and manufactured for your application.

Your marking here



Choose:

- The type of calibrated filter
- The shape/size/material
- The weldings/openings/ compartments
- No marking or your own marking

All our bags are approved for food contact, radiosterilized and compatible with ALL LAB BLENDERS.

A red sticker is placed on every box as a mark of guarantee of gamma ray treatment.



A certificate is included with each shipment.