
















Stomacher bags

Stomacher® 400 Circulator			Stomacher® 400 Classic		
 Standard BA6141	172mm x 326mm 500 in sachets of 50	Volume 80-400ml	 Standard BA6041	172mm x 326mm 500 in sachets of 50	Volume 80-400ml
 Standard BA6141ARV	172mm x 319mm 1000 in sachets of 50	Volume 80-400ml	 Standard BA6041ARV	172mm x 319mm 1000 in sachets of 50	Volume 80-400ml
 Classic BA6141/CLR	172mm x 326mm 250 in sachets of 10	Volume 80-400ml	 Classic BA6041/CLR	172mm x 326mm 250 in sachets of 10	Volume 80-400ml
 Strainer BA6141/STR	172mm x 326mm 200 in sachets of 10	Volume 80-400ml	 Strainer BA6041/STR	172mm x 326mm 200 in sachets of 10	Volume 80-400ml
 Sample BA6051	2000 in sachets of 50	Length 177mm	 Sample BA6051/B	2000 in sachets of 50	Length 177mm
 Sample BA6052	1000 in sachets of 50	Length 250mm	 Sample BA6099	200 in sachets of 25	Volume 400ml
 Sample BA6053	2000 in sachets of 25	Length 177mm			

Stomacher® 80
and 80 microBiomaster

Stomacher® 3500

 Standard BA6040	105mm x 156mm 2000 in sachets of 50	Volume 5-80ml	 Standard BA6042	383mm x 518mm 250 in sachets of 50	Volume 400-3500ml
 Classic BA6040/CLR	105mm x 156mm 200 in sachets of 10	Volume 5-80ml	 Heavy Duty BA6042/HD	383mm x 518mm 200 in sachets of 10	Volume 400-3500ml
 Strainer BA6040/STR	105mm x 156mm 200 in sachets of 10	Volume 5-80ml			
 Gas In Strainer BA6040/CLR/STR	105mm x 156mm 200 in sachets of 10	Volume 5-80ml			
 Strainer Double BA6040/STR/DBL	135mm x 181mm 200 in sachets of 10	Volume 5-80ml			
 Micro BA6040/MICRO	60mm x 126mm 50 bags	Volume 250ul-80ml			

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Homogenisator poser



Stomacher® 4500 BAM



The robust Stomacher® 4500 is ideal for the BAM large volume testing procedures.

Expanding our range of Blenders focused on food laboratories requirements, the Stomacher® 4500 BAM is the perfect tool for extraction from 375g composite samples.

The Stomacher technique has become the world standard in Sample preparation. The heavy duty Stomacher 4500 BAM complements the Stomacher 400 Circulator

and provides the food laboratories with a high performance, high quality blender capable of homogenizing samples up to 4500ml.

Why the Stomacher® 4500 BAM?

Ideal for 375g samples

Efficient Large Volume
Stomacher

Volume sample size:
1000 – 4500ml

Programmable Settings

3 year Warranty

Machine Model	Paddle Type	Sample weight*	Diluent Volume*
 Stomacher 4500		375g	3375ml
Bags/Accessories	Standard Bags	Bag Rack	Bag Clip
	BA6042 BA6042/HD	BA6094	BA6097

* as per the FDA BAM protocol protocol listed 20 September 2014 :
www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods

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**Homogenisator
maskin**














Stomacher® Bag Range

Bags are made from high quality grade virgin LDPE granule extruded to 65mm film thickness. All Seward bags are irradiated sterile.

- Standard bags:** The best sellers of the Stomacher® Bag range. The industry standard for all purpose blender bags.
- Strainer bags:** Samples that produce a lot of debris there's a robust strainer element with a 0.5mm pore size. This makes pipetting from the sample an easier task, with reduced blockage.
- Closure bags:** A wire mesh band closes the Stomacher® Bags tightly which makes the closure bags perfect for incubation and short term storage.
- Speciality bags:** Micro bag available for 250µl - 5ml samples and a heavy duty 3500ml bag.

Stomacher® Bag range - Product codes

Machine Model	Paddle Type	Standard Bags	Strainer Bags	Closure Bags	Speciality Bags
 Stomacher 80		 BA6040	 BA6040/STR BA6040/DBL/STR	 BA6040/STR BA6040/DBL/STR	 BA6040/Micro
 Stomacher 400		BA6041	BA6041/STR	BA6041/CLR	
		BA6141	BA6141/STR	BA6141/CLR	
 Stomacher 3500		BA6042			BA6042/HD



For improved workflow and efficiency

Bag Openers: Made from high grade plastic polymer, Seward bag openers hold open bags for easy addition of sample without risk of instrument contact on the bag.

Bag Racks: Made from high grade plastic polymer, Seward bag racks provide the perfect storage for Stomacher® bag handling, helping to provide a clean and productive working environment.

Bag Clips: Specifically designed for Standard 400ml and 300ml Stomacher® Bags, Seward Bag Clips allow fast and easy securing of the Stomacher® Bags

Product Code	Description
BA6090	Stomacher® 80 Bag Rack (10 place)
BA6091	Stomacher® 400 Bag Rack (1 place)
BA6096	Stomacher® 400 Bag Rack (10 Place)
BA6094	Stomacher® 3500 Bag Rack (3 place)
BA6095	Stomacher® 400 Bag Rack
BA6097	Stomacher® 3500 Bag Clips (200 per pack)
BA6098	Stomacher® 80 Bag Opener
BA6099	Stomacher® 400 Bag Clips (200 per pack)



Stomacher® 80 Biomaster



Small tissue processing solutions for
clinical and life science microbiology

The **Stomacher® 80 Biomaster** and **Stomacher® 80 microBiomaster** provide small tissue processing solutions for clinical, life science and microbiology applications. Capable of processing samples from 250µl to 80ml, the Biomaster range caters for the increased demand for smaller samples without reducing sample quality.

The **Stomacher® 80 Biomaster** (5ml to 80ml sample capacity), **microBiomaster** (250µl to 80ml sample capacity) and **Stomacher® Bags** allow samples to be processed safely and without risk of cross contamination while maximising visible cell recovery. Tens of thousands of referenced

methods are available and now with the enhanced sample capacity range of the microBiomaster the **Stomacher® 80** is the World's most efficient and versatile sample preparation system for life science applications.

Choose the microBiomaster for increased sampling volume range with the new microBag for effective homogenization and sample recovery below 1ml volumes.

Why the Stomacher® 80?

Adjustable process times
& paddle speeds

Proven enhancement in
cell recovery & viability

No risk of cross
contamination

Process samples
from 250µl - 80ml

Cost effective sample
preparation



Stomacher® 80
Biomaster



Stomacher® 80
microBiomaster

Stomacher® 80 Biomaster



The **Stomacher® Bag** Range has been designed to fulfil all applications from blending, straining and storage including bags designed specifically for life science applications.

Enhanced **Stomacher® 80 Bag** range features closure and strainer bag formats, double bags for biosafety and the new microBag for effective homogenisation and sample recovery below 1ml volumes.

Seward Bag racks provide the perfect storage for **Stomacher® Bag** sample handling, helping to provide a clean and productive working environment.



Stomacher® 80

Product Code	Description	Voltage	Pack Dimensions (LxWxH)	Weight (kg)
0080/000/EU	Stomacher® 80 Biomaster	220V	49.5x33.5x23.5cm	18.0
0080/000/AJ	Stomacher® 80 Biomaster	110V	49.5x33.5x23.5cm	18.5
0080/000/EU/M	Stomacher® 80 microBiomaster	220V	49.5x33.5x23.5cm	18.0
0080/000/AJ/M	Stomacher® 80 microBiomaster	110V	49.5x33.5x23.5cm	18.5

80 Bags

Product Code	Bag Type	Bag Size	Sample Size	Pack Quantity
BA6040	Standard Bag	105 x 155mm	5-80ml	2000 (sachets of 50)
BA6040CLR	Closure Bag	105 x 155mm	5-80ml	200 (sachets of 10)
BA6040/STR	Strainer Bag	105 x 155mm	5-80ml	200 (sachets of 10)
BA6040/STR/DBL	Strainer Double Bag	135 x 180mm	5-80ml	200 (sachets of 10)
BA6040/CLR/STR	Strainer Closure Bag	105 x 155mm	5-80ml	200 (sachets of 10)
BA6040/MICRO	Micro Bag	60 x 185mm	250µl-80ml	50

Accessories

Product Code	Description	Capacity	Dimensions	Weight
BA6098	Stomacher® 80 Bag Opener	1 Place	7 x 7 x 14cm	0.1kg
BA6090	Stomacher® 80 Bag Rack	10 Place	30 x 11 x 12cm	0.9kg
BA6051	Simplette® Disposable straws	200 (sachets of 25 each)	24 x 18 x 18cm	3.7kg



Stomacher® 400 Circulator



The world's leading laboratory paddle blender for food microbiologists

Manufactured to industrial standards the Circulator allows for easy and effective processing of multiple samples, without the risk of cross contamination. The **Stomacher®** owing to the quality of build and components, is highly durable and reliable, ensuring consistent homogenisation during frequent use.

The digital control panel provides simple control of processing features such as paddle speed and processing time, essential for consistent results. These features are programmable for repeatable homogenisation protocols.

Globally referenced by thousands of protocols in food microbiology, the **Stomacher® 400 Circulator** is the gold standard in laboratory blenders.

The unique patented Circulator paddle design improves organism recovery over older square paddle designs by enhancing the stirring and extrusion forces applied to the sample, driving more organisms into suspension for analysis.

Why the Stomacher® 400?

Enhanced organism recovery over square paddles

Durable & reliable, designed for consistent use

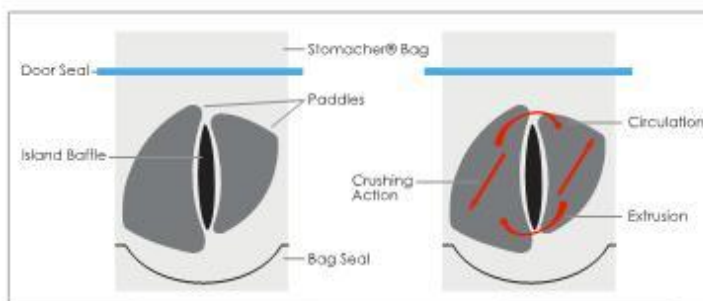
The gold standard in laboratory blenders

No cross contamination between samples

Simple to clean and requires minimal maintenance

3 year warranty

Patented Circular paddle design



Stomacher® 400 Circulator



The **Stomacher® Bag Range** has been designed to fulfil all applications from blending, stirring and storage of samples, with no risk of cross contamination between samples. The **Stomacher® 400 Bag Range** caters for both the Circulator bag (round-bottom) designed bags, and the Classic (square-bottomed) for the older square paddle designed Stomachers®.

Our Stomacher® bags are made from high quality food grade virgin LDPE granule, extruded to 65µm film thickness. All **Stomacher® Bags** are irradiated sterile. A certificate or irradiation is available upon request.

Only genuine **Stomacher® Bags** carry the Seward quality mark.



Stomacher® 400

Product Code	Description	Voltage	Pack Dimensions (LxWxH)	Weight (kg)
0400/000/EU	Stomacher® 400 Circulator	220V	48x42x43cm	25.0
0400/000/AJ	Stomacher® 400 Circulator	110V	48x42x43cm	25.0

400 Circulator Bags

Product Code	Bag Type	Bag Size	Sample Size	Pack Quantity
BA6141	Standard Bag	177 x 305mm	80-400ml	500 (sachets of 50)
BA6141ARV	Standard Bag	177 x 305mm	80-400ml	1000 (sachets of 50)
BA6141/CLR	Closure Bag	177 x 305mm	80-400ml	250 (sachets of 10)
BA6141/STR	Strainer Bag	177 x 305mm	80-400ml	250 (sachets of 10)

400 Classic Bags

Product Code	Bag Type	Bag Size	Sample Size	Pack Quantity
BA6041	Standard Bag	177 x 305mm	80-400ml	500 (sachets of 50)
BA6041ARV	Standard Bag	177 x 305mm	80-400ml	1000 (sachets of 50)
BA6041/CLR	Closure Bag	177 x 305mm	80-400ml	250 (sachets of 10)
BA6041/STR	Strainer Bag	177 x 305mm	80-400ml	200 (sachets of 10)

Accessories

Product Code	Bag Type	Sample Size	Pack Dimensions
BA6095	Stomacher® 400 Bag Opener	1 Place	15.5 x 11.5 x 27cm
BA6091	Stomacher® 400 Bag Rack	1 Place	8 x 10.5 x 19cm
BA6096	Stomacher® 400 Bag Rack	10 Place	35 x 22 x 10cm
BA6051	Simplifite® Disposable straws	2000	41 x 22.5 x 14cm



Stomacher® 3500 Series



A versatile range of tools for large volume blending and extraction

The **Stomacher® 3500 Series** is a versatile range of tools for large volume blending and extraction, where all the washing solution or solvent needs to be retained for analysis.

This heavy duty range of machines is manufactured to industrial standards, and regularly used in applications for large volume food microbiology, forensic residue analysis and testing for waterborne parasites.

Among other large volume applications, the **Stomacher®** technique has become the world standard for preparing samples for Trichinella in Pork and waterborne parasites such as Giardia.

Why the Stomacher® 3500?

400-3500ml volume samples

Trichinella testing

Cryptosporidium and Giardia testing

Bioburden testing of garments and dressings

Forensic residue Analysis

3 year warranty and 10 year service support



Stomacher® 3500 Series



The **Stomacher® 3500** is used where large volume blending is required. The blending of powders with diluents and the microbiological testing of complete recipe dishes are two popular applications.

The **Stomacher® 3500** Biowasher was originally designed to process the large volume of filter fibres derived from cartridge filters used in testing water for parasites.

The Stomacher® method for preparing the samples is referenced throughout the world for this technique.

The **Stomacher® 3500** Bioreactor Thermo is used in the pork industry to prepare samples for the detection of Trichinella.

The machine has a heater element inside the door and the samples of pork meat are digested inside the bag with enzyme and HCl acid. The resultant slurry is sieved and examined under microscopy for the presence of the Trichinella parasite.

Choose between the BA6042 standard **3500** Bag (65 microns) or for more resilient applications use the BA6042/HD Heavy Duty bag which has a greater thickness of 80 microns.

Stomacher® 3500

Product Code	Description	Voltage	Pack Dimensions (LxWxH)	Weight (kg)
3500/000/EU	Stomacher® 3500 Jumbo	220V	57.5x57x56cm	42.0
3500/000/AJ	Stomacher® 3500 Jumbo	110V	57.5x57x56cm	42.0
3500/001/EU	Stomacher® 3500 Biowasher	220V	57.5x57x56cm	42.0
3500/001/AJ	Stomacher® 3500 Biowasher	110V	57.5x57x56cm	42.0
3500/002/EU	Stomacher® 3500 Thermo Bioreactor	220V	57.5x57x56	45.3
3500/002/AJ	Stomacher® 3500 Thermo Bioreactor	110V	57.5x57x56	45.3

Bags

Product Code	Bag Type	Bag Size	Sample Size	Pack Quantity
BA6042	Standard Bag	380 x 510mm	400-3500ml	250 (sachets of 50)
BA6042/HD	Heavy Duty Bag	380 x 510mm	400-3500ml	200 (sachets of 50)

Accessories

Product Code	Description	Capacity	Dimensions	Weight
BA6094	Stomacher® 3500 Bag Rack	3 Place	42 x 15 x 35cm	5kg

