

Seward paddle blenders, serious about food safety for over 40 years  
Seward Limited has been manufacturing and developing the legendary Stomacher® Lab Blender for 40 years. The original and still regarded as the best, more than 8 million food samples a day are prepared on Stomacher® 400 paddle blender units around the world.

### Stomacher® lab blender:

3 year warranty  
10 year service support  
The gold standard in laboratory blenders  
Globally referenced in thousands of protocols


### The Stomacher® Principle

Seward Stomacher® lab blenders offer fast reliable homogenisation for a wide range of laboratory samples. The Stomacher® machines work by the action of twin reciprocating paddles on the sample contained inside a sterile plastic bag, ensuring effective and reproducible homogenisation of samples without cross-contamination between samples.

The Stomacher® has been proven in laboratories around the world to be a valuable tool in industry, research, education and healthcare. In scientific procedures the quality of the sample and its preparation are critical to accurate results. Stomacher® has been and continues to be developed to deliver this.

#### Key Product Features

- Versatile and efficient blending and homogenisation of laboratory samples
- Safe containment of sample in sterile plastic bag prevent cross-contamination
- Machines do not need to be cleaned and sterilised between samples
- 3 year warranty

Model Name	Machine
Stomacher® 400 Circulator <b>0400/001/AJ – 110V</b> <b>0400/001/EU – 240V</b>	
Stomacher® 400 EVO <b>0400/002/00</b>	
Stomacher® 80 Biomaster <b>0080/000/AJ – 110V</b> <b>0080/000/EU – 240V</b>	
Stomacher® 80 microBiomaster <b>0080/000/AJ/M – 110V</b> <b>0080/000/EU/M – 240V</b>	
Stomacher® 4500 BAM <b>4500/001/AJ – 110V</b> <b>4500/001/EU – 240V</b>	
Stomacher® 3500 Series Jumbo/Biowasher/Thermo Bioreactor  Jumbo: <b>3500/000/AJ – 110V</b> <b>3500/000/EU – 240V</b>  Biowasher: <b>3500/001/AJ – 110V</b> <b>3500/001/EU – 240V</b>  Thermo: <b>3500/002/AJ – 110V</b> <b>3500/002/EU – 240V</b>	

# Industries

## Food & Drink

Category	Machine	KSP
Fruit and vegetables Dairy Wheat and grain Meat and Poultry Fisheries Beverage	Stomacher® 400 Circulator Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample sizes: 80-400ml</li> <li>• Enhanced organism recovery over traditional paddle blenders</li> <li>• Durable &amp; reliable, designed for consistent use</li> </ul>
	Stomacher® 400 EVO Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample sizes: 80-400ml</li> <li>• Unique one-touch bag loading system</li> <li>• Double aperture seal, isolated chassis, and fully enclosed casing for quiet operation</li> <li>• Easy clean interior with removable paddles and drip tray</li> <li>• Designed to work with Eco bag range for reducing plastic usage and waste disposal costs</li> </ul>
	Stomacher® 4500BAM Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample size: 400 – 4500ml</li> <li>• The perfect tool for larger volume BAM testing</li> <li>• Easy to clean</li> <li>• Simple bag loading system</li> </ul>

## Life Sciences

Category	Machine	KSP
Pharmaceutical Clinical Healthcare Veterinary Horticulture Microbiome (Fecal Transplant)	Stomacher® 80 Biomaster Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample size: 250ul - 80ml</li> <li>• Adjustable process times &amp; paddle speeds</li> <li>• Proven enhancement in cell recovery &amp; viability</li> <li>• No risk of cross contamination</li> <li>• No cleaning of equipment between samples</li> </ul>
	Stomacher® 80 MicroBiomaster Lab Blender	
	Stomacher® 400 Circulator Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample sizes: 80-400ml</li> <li>• Enhanced organism recovery over square paddles</li> <li>• Durable &amp; reliable, designed for consistent use</li> </ul>
	Stomacher® 400 EVO Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample sizes: 80-400ml</li> <li>• Unique one-touch bag loading system</li> <li>• Double aperture seal, isolated chassis, and fully enclosed casing for quiet operation</li> <li>• Easy clean interior with removable paddles and drip tray</li> <li>• Designed to work with Eco bag range for reducing plastic usage and waste disposal costs</li> </ul>

## Environmental

Category	Machine	KSP
Soil Sewage Plant tissue Clinical	Stomacher® 3500 Jumbo Lab Blender	
	Stomacher® 3500W Water Biowasher Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample size: 400-3500ml</li> <li>• Trichinella, Cryptosporidium and Giardia testing</li> <li>• Bioburden testing of garments and dressings</li> <li>• Forensic residue analysis</li> </ul>
	Stomacher® 3500 Thermo Bioreactor Lab Blender	

## Industrial

Category	Machine	KSP
Blending materials (powders, polymers, paper pulp or synthetic resins)	Stomacher® 400 Circulator Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample sizes: 80-400ml</li> <li>• Enhanced organism recovery over traditional paddle blenders</li> <li>• Durable &amp; reliable, designed for consistent use</li> </ul>
	Stomacher® 3500 Jumbo Lab Blender	<ul style="list-style-type: none"> <li>• Volume sample size: 400-3500ml</li> <li>• Trichinella, Cryptosporidium and Giardia testing</li> <li>• Bioburden testing of garments and dressings</li> <li>• Forensic residue analysis</li> </ul>