

Seward Stomacher® Laboratory Blenders

Blend and homogenize within sealed processing bags—eliminating cross-contamination and cleaning between samples

- Small footprint offers convenient placement on your lab bench
- Increase productivity—no need to clean equipment between processing, simply discard bags after use
- Paddle design processes materials that cannot be handled by conventional lab blenders

The unique action of the Stomacher uses paddles to homogenize samples through a combination of crushing and stirring forces. Gamma-irradiated sterile disposable bags (order separately below) allow you to homogenize and transport samples without changing containers or handling sterile samples.

Stomacher 80 Biomaster is the smallest paddle blender on the market—it can fit into safety cabinets to reduce your exposure to hazardous materials. Three time settings plus continuous cycle help processes sample volumes from 5 to 80 mL. Install the optional door upgrade kit and process micro sample volumes as small as 250 µL; also allows you to adjust paddle speed, pressure, and processing time—right from the door—useful when processing tissue and other samples without diluents or solvents.

Stomacher 400C processes larger sample volumes from 80 to 400 mL. It features one-touch user-programmable time, three paddle speeds, and “hands-free” auto-run. The unique patent-pending curved paddle design produces homogenization through a combination of crushing and stirring. During operation, the curved paddles and an island baffle mold the bag contents into a tubular ring for vigorous stirring and circulation of the sample from top to bottom, extracting more organisms into suspension than any other blending process. Round-bottom blender bags without corners or creases maximize the efficiency of the curved paddle design.



Compact Stomacher 80 Biomaster 36850-02 shown with optional door upgrade kit 36860-05



Programmable Stomacher 400C 36850-04

Applications

- Food microbiology, biochemistry, and cell biology sample processing
- Removal of viruses and bacteria from tissues and organs
- Sterility testing of pharmaceuticals
- Removal of organisms from tissue biopsies or fecal specimens

Need Technical Assistance?

Contact our expert Application Specialists to assist you.
Call 800-323-4340 or go online to e-mail or chat live



36860-03 Stomacher blending bags and bag racks

CE 3 year warranty

Catalog number	Description	Capacity	Timer	Dimensions (W x H x D)	Power (VAC)	Shpg wt lb (kg)	Price
S-36850-00 S-36850-02	Stomacher 80 Biomaster	5 to 80 mL	30 to 120 seconds	11½" x 7½" x 12¾" (29.2 x 19.1 x 32.4 cm)	110 220	35 (15.9)	
S-36850-04 S-36850-06	Stomacher 400C	80 to 400 mL	Adjustable	13¾" x 11" x 13¾" (33.7 x 27.9 x 33.7 cm)	110 220	51 (23.1)	

S-36860-05 Door upgrade kit for Stomacher 80 Biomaster.

Stomacher Blending Bags

High-grade, durable 70-micron-thick polyethylene bags will not tear during processing and can be heat sealed. Sterile; gamma irradiated. Choose bags with filter when processing gritty samples that might cause pipette blockage.

Catalog number	For use with	Description	Capacity	Qty	Price
S-36850-91	Stomacher 80 Biomaster	Square-bottom bag	250 µL to 80 L	2000	/pk
S-36860-00		Square-bottom bag with filter	250 µL to 80 L	200	/pk
S-36860-02		Bag rack	Holds 10 bags	1	/ea
S-36850-97	Stomacher 400C	Square-bottom bag	80 to 400 mL	500	/pk
S-36850-93		Round-bottom bag	80 to 400 mL	500	/pk
S-36860-01		Round-bottom bag with filter	80 to 400 mL	200	/pk
S-36860-03		Bag rack	Holds 1 bag	1	/ea
S-36860-04	Both models	Bag clips	—	200	/pk