

# Flapping Homogenizer (Stomacher)

- > Flapping Homogenizer is also called Sterile Homogenizer, and can be used to abstract bacteria from solid samples. Put the original samples and the diluents into the sterile bag, then put the bag into the homogenizer. Through the flapping of the paddles, the material in the bag can rapidly reach a homogenized state by the pressure, shaking and vibration.
- > To guarantee the uniformity of the effective extraction of the microorganism inside and on the surface of the solid sample, make sure to include all the material in the sterile bag. The homogenized sample then can be used for the following analysis, and the sterile bag avoids the cross contamination.
- > Using disposable sterile homogeneous bags to guarantee the sample safety and non-contamination, leakless process omits cleaning of the instrument. The advantage of the flapping homogenization is convenient, quick, mild, accurate and good repeatability. Samples will not be contaminated, damaged, heated, and no sterilization as well as no container is needed, thus no container cleaning process either.

## Applications:

- > Food microbiological analysis
- > Homogenization of animal tissues, biological samples, and cosmetics
- > Homogenization of meats, fish, vegetables, and fruits
- > Medicines, clinics, molecules, detection of toxins and bacteria



## Features

- > Samples in sterilize bag are homogenized by paddles without the risk of cross-contamination.
- > Optimal bacterial extraction without destruction.
- > Leading microprocessor technology for flap control
- > Adjustable flapping speed
- > Working time can be set on continuous or pre-set time
- > Maintenance-free brushless DC motor
- > Stainless steel housing with plastic coating for HG40VW or full stainless for HG400Pro
- > Employ digital setting and display of the working time
- > Digital and analog interface for remote control

## HG400 Pro

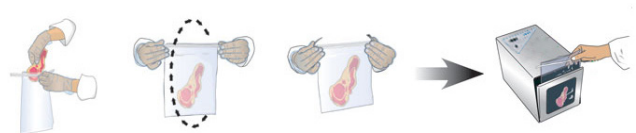
- > Paralleled paddles stop ease the procession.
- > Tight closure secure bag seal.
- > Quick paddles remove and installation allow you to clean the chamber
- > Illumination unit observation of observing the whole process clearly.



**HG400 Pro**

- > Useful volume :50-400ml
- > Variable speed :1-10strokes/s
- > Variable blending time : 1s - 59min 59S
- > Paralleled paddles stop
- > Safety drip tray
- > Adjustable blending power

Sterile bag for sampling and samples homogenization.



Easy transportation of the sample

Specifications

Mode	HG400VW	HG400 Pro
Door	SS-Door with Observation Window	SS-Door with Observation Window
Blending volume	50-400mL	50-400mL
Speed	20-600 strokes/min(10-300rpm)	1-10 strokes/s
Variable blending time	1 min to 24h	1 second to 59min 59 s
Exterior dimension (W x D x H, cm)	45 x 21 x 24	45 x 28 x 30
Interior dimension (W x D x H, cm)	10 x 19 x 22	10 x 19 x 22
Power	100-240V /50-60Hz	100-240V /50-60Hz

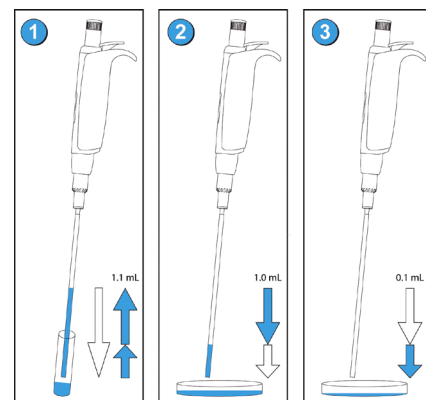
## Accessories for flapping homogenizer

### Dilution pipette Acura® manual 810

Air displacement pipette with two pre-calibrated steps allows subsequent pipetting of 1 and 0.1 mL of the same liquid. Metal nozzle fits long straw tips to aspirate from narrow or deep reservoirs (i.e. Stomacher®bags). Ideal alternative to the graduated glass pipettes when performing serial 1:10 dilutions in bacteriology.

**Features**

- > Two pre-calibrated fixed volumes – no setting required
- > Smooth activation, excellent ergonomics
- > Interchangeable PE nozzle protection filter
- > Justip™ system for height adjustment of the tip ejector
- > Independent calibration for each volume
- > Easy maintenance, cleaning and disinfection
- > Fully autoclavable 121°C / 250 °F



**Ordering information**

Order No.	Packaging	Description
810.1100	1 / pk	1 mL 0.1 mL
313.1119.40	40 x 25 / pk	Straw tips, polypropylene, sterilized (L: 190 mm, Ø:4 mm)
322.810	100 / pk	Nozzle protection filter, PE material

**Simple operation**

1. Depress plunger button in full, then release slowly to aspirate 1.1 mL
2. Depress plunger button to first stop, thus dispensing 1 mL in Petri dish
3. Depress plunger button to second stop, thus dispensing residual 0.1 mL in next Petri dish

**Order information**

Order No.	Name	Capacity	Content
1125C45	Full-page filter bag	80 ml	25 per bag; 20 bags per box
2125C25	Standard bag	400 ml	25 per bag; 20 bags per box
2150C25	Standard bag	400 ml	50 per bag; 10 bags per box
4125C15	Full-page filter bag	400 ml	25 per bag; 20 bags per box
6125C15	Lateral filter bag	400 ml	25 per bag; 20 bags per box
9125R15	Rack for sterilization bags		Position: 10
SMCLIP	Clip for sterilization bags		

