

## Flapping Homogenizer (Stomaker)

Flapping Homogenizer is also called Sterile Homogenizer, 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, 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

### Adjustable blending power

### Closed system

Apply a pressure of 250 kg to avoid leakage from the top

### Robust and reliable

High quality 304L stainless steel



### Super Silent Blending

Less than 50 dB  
Double layer window door

The handle automatically stops the homogenization process

At the end of homogenization, the leaves are docked side by side

Tempered Viewing Windows

### Sterile bag for sampling and samples homogenization.



Easy transportation of the sample

### Features

- Leading microprocessor technology for flap control
- Adjustable flapping speed for the HG400V and the HG400W (5 – 8 times / sec)
- Working time can be set on continuous or between 1 sec and 10 min
- Maintenance-free brushless DC motor
- Stainless steel housing with plastic coating
- Easy to clean working chamber
- The HG400 and the HG400W employ digital setting and display of the working time
- Digital and analog interface for remote control



Collect the sample and blend in the same bag

### Selection

Model	HG400W
Door Design	SS-Door With Observation Window
Capacity Range	50-400 mL
Flapping Speed	Fixed to 8 Times / Sec
Exterior Size (LxWxH)(W x D x H, cm )	45 x 21 x 24
Interior Size(W x D x H, cm )	10 x 19 x 22