

# Technical Data Sheet

Doc No– Ab/TDS/Micro -93

Rev No : 03 Date 04/2023-24

## TECHNICAL DATA SHEET

**Abdos Labtech Pvt. Ltd.**

### **Swirlex - Flapping Homogenizer (Stomaker)**

**Valid for Catalog No. E12431, E12438**

**SRN (Single Registration Number): IN-MF-000022272**

#### **1. Description/Specification**

##### **1.1 Description: Swirlex - Flapping Homogenizer (Stomaker)**

1.1.1 Swirlex-Flapping Homogenizer (Stomaker) is a new generation lab blender, silent, easy-to-use & has a new design, with great new features, along with the silent blending. It is adapted to all kinds of applications and with a guarantee of optimal extraction, it is a great tool for lab analyses avoiding all risk of cross-contamination and damage.

1.1.2 It can be used to extract bacteria from solid samples as well as homogenization of animal tissues, cosmetics, and biological samples. It is convenient, very quick, mild, accurate and also provides good repeatability.

1.1.3 To extract bacteria from solid samples, put the original samples and the diluents into a sterile bag. Put the bag then into the homogenizer, through the flapping of the paddles. The material inside the bag can rapidly reach a homogenized state by the pressure, shaking, and vibration inside.

1.1.4 In order to get a guaranteed uniformity of the effective extraction of the bacteria inside and on the surface of the solid samples, make sure to include all the materials in the sterile bag to the homogenizer. Then the homogenized sample can be used for analysis, the sterile bag avoids the cross-contamination.

1.1.5 The main advantage of Swirlex -flapping homogenizer is that it is convenient, very quick, mild, accurate and also provides good repeatability. Samples used for the extraction will not be contaminated, damaged, heated, and no sterilization, as well as no container is needed, thus no container cleaning process either.

##### **1.2 Design: Swirlex - Flapping Homogenizer (Stomaker)**

##### **1.3 Performance Specifications:**

Specifications	Stomaker Pro (E12438)	Stomaker Plus (E12431)
Voltage	220-240V	220-240V
Frequency	50-60Hz	50-60Hz



**Abdos Labtech Private Limited**  
(A Division of Abdos Group)  
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Door Design	Stainless Steel Door with Observation Window	Stainless Steel Door with Observation Window
Capacity Range	50 – 400ml	50 – 400ml
Flapping Speed	1-10 strokes/s	Adjustable between 20-600 strokes/min(10-300rpm/min)
Exterior Size (wxdxh)	45x28x30 cm	45x21x24 cm
Exterior Size (wxdxh)	10x19x22 cm	10x19x22 cm

Code	Product	Flapping Speed
E12438	Stomaker, Stainless Steel Door with Observation Window	Adjustable between 1-10 stokes/sec
E12431	Stomaker Plus, Stainless Steel Door with Observation Window	Adjustable between 20-600 stokes/min(10-300rpm/min)

## Spare Accessories:

Code	Product	No.of bag/box	Capacity
E12432	Sterilization Bag	1500 (25 pcs per pack, 60 packs per case)	80ml
E12433	Sterilization Bag	500 (25 pcs per pack, 20 packs per case)	400ml
E12435	Sterilization Bag with filter on one side	500 (25 pcs per pack, 20 packs per case)	400ml
E12436	Sterilization Bag with overall filter	500 (25 pcs per pack, 20 packs per case)	400ml
E12437	Clip for Sterilization Bag	1	--

1.4 CE certified

**Warranty:** 12 months from the date of Installation or 15 months from the date of Invoicing.

## Instruction for Use

Storage temp. Max 30°C

Before using the product check crackness, pouch punctured etc.

Check all the information printed on pouches or boxes.

Always wear gloves while handling specimen.



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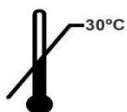
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## WARNING

**DO NOT** store strong oxidizing agents.

**DO NOT** place any plastic labware in a flame.

**DO NOT** mix any chemicals that may result in a thermic reaction, which can cause product failure  
Consult local fire codes prior to storage of flammable liquids.



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Electronic IFU



Quality Manager

Abdos Labtech Private Limited

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E12431

E12438



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