

Paddle Blender/Homogenizer

Paddle Blender, also known as sterile homogenizer, can be used to directly extract bacteria from solid samples. Just put the original sample (large need to cut into 10 x 10 mm block) and diluent into the sterile sample bag, then put the sample bag into slapping type homogenizer, passes through the blade flapping hammer pressure, causing oscillation, accelerate mix, so as to achieve microbial composition is in a state of uniform distribution in the solution, can complete the processing of the sample. Effectively separate homogeneous samples of microorganisms contained within and on the surface of solid samples, ensuring that all samples are mixed in sterile bags. Application: food microbiology, analysis of animal tissues, biological samples, homogenization treatment of cosmetics, meat, fish, vegetables, fruits Processing; Drug, clinical, molecular, toxin and bacteria detection and other fields.



Product features

- Large LCD, Easy operation and can store multiple working programs;
- Intelligent control, uniform speed and time can be controlled;
- Transparent glass window ,easy to observe, full open door, easy to clean;
- There is no contact between the sample and the homogenizer. If there is no sample leakage, no need cleaning;
- Soft homogeneity, no pollution, no damage, no heating, no need to sterilize, no need to wash utensils;
- With strong sound insulation function.

Technical parameters

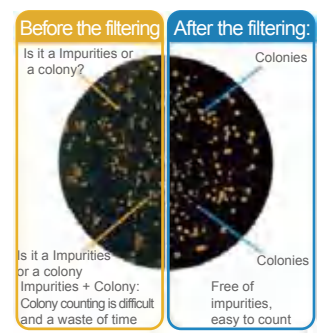
Model	UB-PB-4	UB-PB-4M	UB-PB-4GM
Item No	1005001002	1005002002	1005003002
Control mode + parameter storage	Microcomputer control +8 section combination programming		
Temperature control range(°C)	No	No	At room temperature to 60
Disinfection function	No	Disinfection wavelength of 253.7(nm)	Disinfection wavelength of 253.7(nm)
Weight(kg)	24	24.5	25
Power supply/power(V/W)	220/200	220/250	220/500
Display mode	Large LCD display		
Padding time	0.1 to 99 minutes and 59 seconds or continuous operation		
Flap speed(times/second)	3~12		
Effective volume(ml)	3~400		
Sterile bag size(cm)	17*30		
Paddle Material	Stainless steel + anticorrosive spray		
Panting distance	0 to 50 mm adjustable		
Start mode	Soft start		
Pause function	yes		
Anti-pinch function	With automatic stop anti-pinch function		
Other	Removable window + toughened glass safety door		
External dimension(mm)	460*250*330		

Sterilization bag

Why use sterilization bags?



Sample homogenization and filtration at the same time, rapid filtrate absorption, no particles, no waiting for precipitation, no clogging pipette.



During the homogenization process, the filter blocked the Impurities , and the concentration of bacteria on both sides of the filter remained consistent, which not only increased the accuracy, but also accelerated the counting speed.

Proper use of sterile homogenizer is as follows:

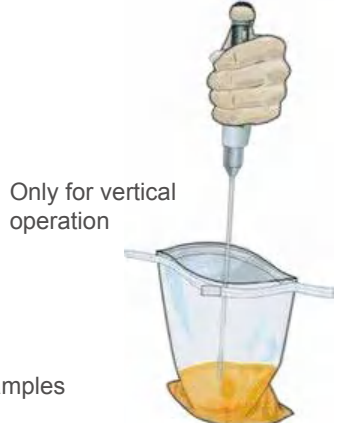
1. Put the samples to a sterilization bag;
2. Open the homogenizer door and clamp the sterile bag opening before closing the homogenizer door;
3. Set the usage program (such as tapping speed, tapping time, etc.) to execute the work of tapping homogenization;
4. After the experiment, open the homogenizer door and take samples.



Storage operations can be easily performed in a stand:



Polyolefin and adult samples for homogenizer



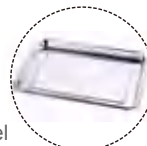
Only for vertical operation

Sampling and homogenization are performed in the same bag:



Name: Water tray

Item No: 20050003
Material: Stainless steel



Name: 304 stainless steel bracket

Item No: 20050002
Usage: Can put 10 samples
Size: 33 * 21.5 * 17 cm



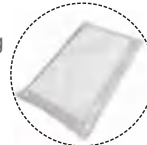
Name: Metal spraying bracket

Item No: 20050001
Usage: Can put 5 samples



Name: Sterilization bag

Item No: 20050004
Specification: 17*30cm
100pcs/packet



Name: Sterilization bag

Item No: 20050005
Specification: 17*30cm
100pcs/packet



Name: Sterilization bag

Item No: 20050006
Specification: 19*30cm
Capacity: 400mL 50pcs/packet

