



Rotation speed
0-300rpm

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Catalogue



STOLAB – Bag Blender

STOLAB Homogenizer Lab Blender is used in the homogenization treatment for animal tissue and biological samples. It is mainly used in hospitals, disease control, commodity inspection, quality inspection and environment, food, beverage and cosmetics enterprises and animal husbandry and veterinary systems, such as food, medicine, cosmetics, dairy products, clinical, toxin and bacteria detection and other inspection and analysis fields.

The device is made of stainless steel and effectively separate the surface of solid sample from a sample with germs inside. The samples are packed in germ free disposable homogenization bags, and thus is in no contact with any parts of the instrument. It has such feature as soft homogenization, no pollution, no damage, no temperature-rise, no sterilizing treatment, no need to wash the utensils, so as to meet the requirements for being fast, accurate and repeatable.

- Quiet and easy to operate;
- Fixed or variable homogenization speed;
- Flexible parameters: homogenization time and speed are flexible and adjustable;
- Progressive homogenization, superior cell protection ;
- High-capacity storage: 10 sets of parameters are saved, which is convenient for users to call;
- No contact with any parts of the instrument ;
- No pollution, no damage, no temperature-rise;
- No sterilizing treatment, no need to wash the utensils;
- Intuitive process: the glass transparent window can observe the homogenization process intuitively;
- All stainless-steel systems;
- Digital speed control;
- Adjustable homogenization time;
- Sample chamber temperature: RT - 50°C;
- Slap Box: Stainless steel;
- Rattling Spacing: 0-5mm adjustable ;
- Sterile bag: 17x30cm;
- The sterilized homogenize bag in which the original samples and solvent are placed is made by special materials;
- Soft-start mode;

The time for homogenization could be prolonged, when necessary, to achieve a soft broken;

Pause Function: To strengthen sample security with auto-stop, anti-trap feature, removable windows and adjustable slap board, toughened glass security door;



Wide application range

the sample processing capacity is from 3 ml to 400 ml, which can meet



Brushless motor

cuts noise, prolongs service life, and stabilizes torque output without maintenance.



No contact with any parts of the instrument



High-capacity storage

10 sets of parameters are saved, which is convenient for users to recalling with data set and timing, auto rotation direction, auto shutdown, and power failure memory function



Fixed or variable homogenization speed

Item Name	STOLAB50	STOLAB100	STOLAB200
Price			
Timing	30, 180, 600 or∞(continuous working)	0 ~ 8 hours	
Rap Speed	6-9 time/sec	3~12times/sec (to 0.1minutes step) Display the actual rattling number, the system automatically adjusts the slap speed	
Capacity	3-400ml		
Ratting Box	Stainless Steel		
Parameter storage	No	More than 10 groups of multi-stage programming	
Power	150W	300W	300W
Display	LCD	Digital	Touch Screen
Gentle start	No	Yes	Yes
Wi-Fi power control			Yes
Temperature	No		Room temperature--50 °C
UV Disinfection	No		Yes
Sterile bag	17x30cm		
Dimensions	400 x 420 x 260mm	430*245*280mm	
Net Weight	22.5kg	18.5kg	
Protection Device	With auto-stop anti-trap feature, Removable windows and adjustable slap board, toughened glass security door		
Optional	Heating and Sterilization, Temperature setting range 0°C - 60°C, Disinfection function: Light disinfection in rattling box, the working chamber can be pre-sterilized (Single-disinfection cycle 5min, disinfection wavelength 253.7nm) rack for sterilization bags		

Please note

If this Lab Blender does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts



Laboratory Equipment production and Distribution

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