

STOMACHER BLENDER(Bio-Homogenizer)

Brand - BioGenix®

PRODUCT DESCRIPTION

BIOGENIX® homogenizer is designed for the experiment on sterility and homogenization. The instrument is easy to use and durable. Place the sample and liquid in a sterile bag, and then slide the bag into the blender. The gentle, yet rapid blending action ensures the minimal damage to cell and tissues. Samples are contained within a sterile bag, reducing the risk of cross contamination. The main application is in food, drugs, clinical diagnosis, toxin and bacterium examination domains, etc.



KEY FEATURES

- ◆ Gentle high-quality and silent motor. Blending time and frequency are adjustable.
- ◆ Automatic and unloadable front door is easy to clean and observe. Meanwhile, it has a special design for deriving the leaking liquid.
- ◆ With the disposable sterile bag, the sample can't touch the instrument. The part which contact with sterile bag and container are made of sanitary stainless steel.
- ◆ The experimental result is satisfied with the sterile, quick, and accurate order.
- ◆ Samples are contained within a sterile bag, reducing the risk of cross contamination.
- ◆ The panel is digital and touch type.
- ◆ According to the different samples, the blender can be adjusted to achieve the best result.
- ◆ For user's safety, the instrument adopts Hall switch, in case of fault operation

Advantages

- ✓ Exclusive Click & Clean® system, removable paddles (patented), autoclavable
- ✓ Window door for a good following of the blending
- ✓ Variable speed - 3, 6, 8 or 12 strokes/second
- ✓ Adjustable time - Variable 10 to 360 seconds or open-running
- ✓ Useful Volume 5 - 80mL
- ✓ Adjustable blending power (adjustable paddles, patented) with on-screen display
- ✓ Digital screen
- ✓ Compact, easy-to-use
- ✓ Fully opening door for easy cleaning
- ✓ Q-Tight® closing
- ✓ Optimal extraction
- ✓ Stainless steel
- ✓ Easy cleaning

Operating Parameter

- Place the unit upon even horizontal non flammable surface away from any flammable materials (not less than 30 cm)
- Plug the mains power cord into the 220-240 V~ mains socket and position the unit so that there is ease access to the instrument.
- Turn the main switch ON
- Slide the drip tray under the blending chamber; this will catch any drops or leaks during blending. On the digital display adjust the timer setting and the blending speed.
- Increase the blending time by pressing (+) key.
- Decrease the blending time by pressing (-) key
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- Decrease the blending speed by pressing (-) key.
- If the blending time (+) or (-) key is pressed for 2 second, the increment or decrement becomes bigger respectively.
- The maximum blending time can be set up to 59 minutes 59 seconds.
- According to the nature and the size of the sample, adjust the size of the blending chamber.



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Stomacher® Bag Clips

Specifically designed for Standard BA6041 & BA6141 Stomacher® Bags, Seward Bag Clips allow fast and easy securing of the Stomacher® bags.

- Eliminates any leakage during storage or incubation
- Provides a reusable alternative to closure bags
- Easily cleaned with most lab disinfectants (not autoclavable)
- Highly transparent and puncture-resistant virgin polyethylene extruded tube material
- No side seams, one wide bottom seal
- Simply tear the perforated end along the top, open, and insert the material to be analyzed and processed



TECHNICAL SPECIFICATION

Rattling Time	0.1~99 minutes (to 0.1minutes step) or 6~5940 seconds
Rattling speed	3~12 times/sec (to 0.1 times/second step) , Display the actual rattling number, the system automatically adjusts the slap speed
Multi-stage programming can be designed	parametric groups can be set according to one's wishes.
Parameter storage	More than 10 groups of multi-stage programming parameters are stored
Effective Volume	3~400ml
Slap Box	Stainless steel
Supply	220V/50HZ ,110V/60HZ
Weight	18.5kg
Maximum Power	300W
Sterile bag	17x30cm
Display	Digital display
Rattling Spacing	0~5mm adjustable
Soft-start mode	Gentle start
Dimensions	420x245x340mm
Pause Function	To ensure sample security , With auto-stop anti-trap feature Removable windows and adjustable slap board toughened glass security door

Maintenance and Cleaning

- The housing may be cleaned with standard household products for cleaning stainless steel.
- To clean the blending chamber, proceed as follows:
 - Lift the lever to open the door and then unhook the lower edge of the door from the axis bar.
 - Swing the lower edge of the door upwards and lay the door flat on top of the unit.
 - Clean the blending chamber and paddles. (All stainless steel).
 - Reposition the door, ensuring that it is correctly centered on the lower bar.
- Plug the unit into the power socket.
- Put the switch at the top left of the back to ON.
- Close the door gently.
- Start and test the unit.



- You do not need to dismantle or unplug the mixer; the adjustment of the dead-space between door and paddles is automatic.
- Unlock the crank located at the back of the unit by pulling out the latch.
- Turn the crank clockwise to reduce the space (the paddles move towards the door) or anti-clockwise to increase the space
- Lock the crank by pushing the latch back into one of the two holes.
- To set the standard dead space, please move the paddles forward while the Delta Mixer is working until the paddles touch the door. You will hear a louder noise. Then, move back the paddles 2mm. This is a good position of the paddles (in general) for your sample

REMOVING THE HOUSING

- ❑ This operation should only be carried out exceptionally, by authorized and qualified staff.
- ❑ Unplug the power cord from the mains.
- ❑ Remove the screws holding the housing in place using a 2.5mm Allen screwdriver. Unhook
- ❑ the lower edge of the door from the axis bar.
- ❑ Swing the lower edge of the door upwards and lay the door flat on top of the unit.
- ❑ Disconnect the 10 pin flat ribbon cable (FRC Cable) from controller circuit of the housing and remove it.
- ❑ To close the biogenix, follow these instructions in reverse.

CAUTION!

- ✓ The unit must be installed up right, on a stable, horizontal surface; never run the unit in any other position! Always use an earthed plug.
- ✓ Never open the housing of the machine without first unplugging the unit from the electric mains.
- ✓ Use and maintenance of Delta Mixer DM 400 are reserved for qualified person.
- ✓ Always use Delta Mixer DM 400 with a grounded plug.
- ✓ In normal use, limit the non-stop cycle to 15 minutes.
- ✓ For your security and work comfort, please read the operating instructions guide.



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