

Homogenizer

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Application:

Homogenizer is widely used in homogenization treatment of animal tissues and biological samples. It can be used in food, drug, cosmetics, clinical, molecular, toxin and bacterial detection fields, especially for the preparation of microbial test samples.

Features:

- * 4.3 inch LCD touch screen display and microcomputer control.
- * Intelligent program control, able to set the flapping time, speed, etc.
- * Adjustable flapping spacing, easy to process samples with different amount.
- * Disposable sterile bag guarantees hygiene and safety.
- * Toughened glass window, easy to observe.
- * With anti-pinch function and pause function.

Technical Parameters:

Model	BFH-01	BFH-02
Flapping Time	0.1s~99min59s or continuous operation	
Flapping Speed	3~12 times/s	
Flapping Spacing	0~50mm adjustable	
Effective Capacity	3~400ml	
Program Setting and Storage	10-segment combination programming	
Temp. Control Range	/	RT-60°C
Disinfection Function	UV lamp disinfection, disinfection wavelength 253.7nm	
Sterile Bag	17*30cm, standard 100pcs	
Anti Pinch Function	With automatic stop anti pinch function	
Start Mode	Soft start	
Consumption	200W	500W
Power Supply	AC220V±10%, 50/60Hz(Standard); AC110V±10%, 50/60Hz(Optional, external transformer)	
External Size(W*D*H)	420*230*330mm	
Package Size(W*D*H)	540*310*410mm	
Net Weight	21kg	22kg
Gross Weight	24kg	25kg



Introduction:

It is primarily used for the efficient homogenization and emulsification of two immiscible liquids, as well as the extraction of trace organic compounds, lipids, and organic solvent-soluble substances in water. It is widely used as a laboratory instrument in universities, environmental protection, health and epidemic prevention, chemical industry, water supply, and medical units.

Features:

- * Operational mode allows for continuous operation for approximately 15 minutes.
- * Equipped with a DC motor, which offers excellent performance, high speed, low heat generation, long lifespan, and lower energy consumption.
- * Capable of homogenizing and mixing tissues of various animals and plants.
- * Able to rupture cell membranes and separate them, as well as break DNA strands into small molecules at different speeds.
- * Digital speed display for intuitive reading.

Technical Parameters:

Model	D-200	
Item No.	8034121202	8034121203
Speed Range	2000~20000rpm	
Processing Volume	20~1200mL	
Adjustment Method	Knob infinitely variable speed control	
Maximum Viscosity	5000mpas	
Blade	Set 1: Small Capacity Blade	Set 2: Large Capacity Blade
Material of Contact Substance	Stainless steel and PTFE	
Protection Type	IP20	
Consumption	200W	
Power Supply	AC110~120V, 60Hz or AC220~240V, 50~60Hz	
External Size(Including Bracket)(L*W*H)	360*320*600mm	
Net Weight	4kg	
Packing Size(L*W*H)	480*330*165mm	
Gross Weight	6kg	

Optional Accessories:

Type	Item No.	Diameter	Length	Processing Capacity
Set 1: Small Capacity Blade	18901287	12mm	15cm	20~1000mL
Set 2: Large Capacity Blade	18901288	18mm	16cm	20~1200mL