

Homogenizer



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

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