# D-200 Benchtop Digital Display Homogenizing Emulsifier






## 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.

## Application

- This instrument 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.

## Technical Parameters

| Model | D-200 |
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| Speed Range | 2000-20000rpm |
| Motor Power | 200W |
| Processing Volume | 20-1200mL |
| Adjustment Method | Knob Infinitely Variable Speed Control |
| Protection Rating | IP20 |
| Maximum Viscosity | 5000mpas |
| Set 1: Small Capacity Blade | Diameter 12mm,Length 15cm,Processing Capacity: 20-1000mL |
| Set 2: Large Capacity Blade | Diameter 18mm,Length 16cm,Processing Capacity: 20-1200mL |
| Material of Contact Substance | Stainless Steel and Polytetrafluoroethylene (PTFE) |
| Power | 110-120V/60HZ,220-240V/50-60Hz |
| Dimensions (LxWxH) | 360mm × 320mm × 600mm |
| Motor | Direct Current High-Speed Motor |
| Weight | 4KG |
| Permissible Ambient Temperature and Humidity | 0-40°℃,85%RH |