

# Tissue Homogenizer

Brand - **BIOGENIX**<sup>®</sup>

## Model – BSTH160B. Battery Operated

### Product Description

The rechargeable handheld homogenizer is a battery-powered homogenizer. Powered by a 12V lithium-ion battery, the operating speed is 5000~30000rpm, and can quickly homogenize samples with a volume of 0.1ml~150ml. Mainly used for cell disruption, tissue homogenization, emulsification, etc.

### Application:

Widely used in Biopharmaceuticals, Paper industry, Daily chemicals, Scientific research, etc.



### Key Points

- ❖ Portable and lightweight, suitable for different experimental places
- ❖ Built-in rechargeable lithium battery, suitable for handheld operation at outdoors or in the laboratory
- ❖ Optional adjustable workbench, frees your hands and is suitable for long-term sample processing
- ❖ Depending on the sample processing capacity, can choose dispersing probe from 0.1~150ml Roulette-style speed knob ,7 levels adjustable, easily cope with different samples
- ❖ The dispersing probe is made of food-grade 316L stainless steel, which is corrosion-resistant and can be sterilized at high temperatures; Probes optional
- ❖ Made of 316L stainless steel-corrosion-resistant

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### Features:

1. One-handed control, user-friendly operation, super power, better experimental effect;
2. Double insulation protection to ensure safety;
3. All parts of the working head contacting the material are made of high-quality stainless steel, with good corrosion resistance;
4. The working head is connected with the drive motor by a coupling, which is easy and flexible to disassemble;
5. Stepless speed controller, convenient speed regulation and stable operation

# SPECIFICATION

Model	BS-TH-160B
Speed Range	1000-35000r/min
Working Volume	0.2-150ml (H2O)
Standard Dispersing Shaft	10G
Max. Viscosity	5000mpas
Consumption	120W
Speed Control	Manual
Speed Controller	Stepless speed controller,
Material Of Dispersing Shaft	SS316L & PTFE
Process Type	Micro batch processing
Power Supply	220V 50/60HZ
Relative Humidity	80%
Optional Stand	Single column stand
Net Weight	0.6kg
Package Size(W*D*H)	470*335*200mm
Gross Weight	6kg

## Application Area:

suitable for mixing, emulsification and homogenization of liquid and liquid; dispersion of liquid and solid powder; It can be used in pharmaceutical, biochemical, food, nanomaterials, coatings, adhesives, daily chemicals, printing and dyeing, petrochemicals, papermaking chemistry, polyurethane, inorganic salts, asphalt, silicone, pesticides, water treatment, heavy oil emulsification, Diesel emulsification, electronics, batteries and other industries are also ideal products for factories, scientific research institutions, colleges and universities, medical units, etc. for scientific research, product development, quality control and application in the production process.

Dealer Details



### **BIOGENIX SYSTEMS PRIVATE LIMITED**

S-10, Pankaj Central Plaza, Pocket-5, Plot no-5,  
Sector-12, Dwarka, New Delhi-110075, INDIA

Email: [sales@biogenixsystems.com](mailto:sales@biogenixsystems.com) |  
Phone: +91-11-43738899 | 9911717057  
Website: [www.biogenixsystems.com](http://www.biogenixsystems.com)

[info@biogenixsystems.com](mailto:info@biogenixsystems.com)  
[www.biogenixsystems.com](http://www.biogenixsystems.com)