



## ULTRASONIC HOMOGENIZER BLIH-309

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Ultrasonic homogenizer series is designed for applying a cavitation effect in a liquid by means of ultrasonic waves. It can be used to disintegrate cells of various animals and plants, viruses, bacteria, tissues as well as to reshape inorganic substances. It can also be used in emulsification, separation, distribution, collection, cleaning and nano-material preparation, dispersion acceleration of chemical reactions, etc.



7 inch large screen LCD touch screen display.  
Microcomputer control, which can store 20 sets of work data.  
Ultrasonic time, ultrasonic power can be set.  
Automatic detection of ultrasonic power to prevent the change of ultrasonic power as the  
The temperature of the sample is changed.  
Integrated temperature control to prevent sample overheating.  
Automatic frequency tracking, automatic fault alarm.  
Single ultrasound time: 0.1-99.9S  
Single interval time: 0.1-99.9S  
Total working time: 1S-99H59M59S(touch type to 99hours)  
Mode of work: clearance or continuity

## SPECIFICATIONS

|                            |                        |
|----------------------------|------------------------|
| Model                      | BLIH-309               |
| Ultrasonic Frequency (kHz) | 19.5-20.5              |
| Maximum Power              | 0-1800 W               |
| Optional Probe (Φ mm)      | 15, 20, 22, 25         |
| Crusher Capacity           | 50-1500 ml             |
| Sample Temperature Monitor | Yes                    |
| Alt Name                   | Ultrasonic Homogenizer |

## FEATURES

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Mode of work: clearance or continuity  
frequency: 19.5-20.5KHz  
Can select computer online function

## APPLICATIONS

It has wide application in teaching, researching, and manufacturing in many fields such as biology, microbiology, physics, zoology, agriculture and pharmacology and has been used by some labs.



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