



ULTRASONIC HOMOGENIZER

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Ultrasonic homogenizers are powerful tools to mix and homogenize solid-liquid and liquid-liquid suspensions. Homogenizers are used in mixing dispersing and emulsifying the solution. also used in disrupting cells/subcellular structures in suspension, and for creating emulsions.

Used in Biology, Research, Pharmaceutical, Chemical, Industries.

Also known as Sonicator, Ultrasonicator, Sonifier, Homogenizer mixer.

300 ULTRASONIC HOMOGENIZER



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

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

frequency: 19.5-20.5KHz

Can select computer online function

SPECIFICATIONS

Model	BLIH-301	BLIH-302	BLIH-303	BLIH-304
Ultrasonic Frequency	20-25 (KHZ)			
Optional probe	2,3,6 Φ mm	2,3,6, 8 Φ mm	2,3,6,8,10 Φ mm	2,3,6,8,10,12 Φ mm
Crusher Capacity	0.1-150 ml	0.1-250 ml	0.1-400 ml	0.1-500 ml
Sample temperature monitor	Yes			
Maximum Power	0-150 W	0-250 W	0-500 W	0-650 W

Model	BLIH-305	BLIH-306	BLIH-307	BLIH-308
Ultrasonic Frequency	20-25 (KHZ)		19.5-20.5 (KHZ)	
Optional probe	2,3,6,8,10,12 Φ mm	2,3,6,10,12,15 Φ mm	3,6,10,15,20,22 Φ mm	10, 15, 20, 22, 25 Φ mm
Crusher Capacity	0.1-600 ml	0.1-700 ml	5-1000 ml	20-1200 ml
Sample temperature monitor	Yes			
Maximum Power	0-900 W	0-950 W	0-1200 W	0-1500 W

Model	BLIH-309	BLIH-310	BLIH-311
Ultrasonic Frequency	19.5-20.5 (KHZ)		
Optional probe	15, 20, 22, 25 Φ mm		
Crusher Capacity	50-1500 ml	50-1800 ml	50-2000 ml
Sample temperature monitor	Yes		
Maximum Power	0-1800 W	0-2000 W	0~2200 W



BLIH-301



BLIH-302



BLIH-303



BLIH-304



BLIH-305



BLIH-306



BLIH-307



BLIH-308



BLIH-309



BLIH-310



BLIH-311

BLIH-801 ULTRASONIC HOMOGENIZER



Adopts 5.0-inch TFT color touch screen to display various parameter indexes, and parameter setting is convenient and quick

Adopt unique design of fully automatic lifting of the Ultrasonic horn, which is compatible with more container heights and liquid level heights

Soundproof box is designed with sound-absorbing cotton and magnetic rubber to ensure sealing, which minimizes noise leakage

9 groups of commonly used parameter settings are set in the program. One-key calling, convenient and quick

Using ARM microcomputer technology, the ultrasonic power is finely adjustable, the step is 1%, the time parameters are precisely adjustable, and the time control accuracy is 0.1s

Novel and unique appearance, the design conforms to the man-machine operation size, the operation is simple and convenient

A UV lamp inside the soundproof box, which can sterilize and illuminate

The door lock handle of the box body is integrated, safe and convenient

SPECIFICATIONS

Model	BLIH-801
Frequency	20-25 KHz

Display method	5 inch TFT Touch screen display
Random horn	Ø 6
Optional horn	Ø2, Ø3, Ø6, Ø10, Ø12
Crushing capacity	0.5 ~ 500 ml
Adjustable protection temp.	Sample temp. to 80 °C
Max. lifting distance of horn	120 mm
Alarm	Time, overload, over temp
External temp. sensor	PT 100
Ultrasound time setting	0.1 s~9.9 s (Suggest 1 s-4 s)
Whole time setting	0.1 min ~ 999.9 min
Interval time setting	0.1 s~99.9 s (Suggest 2 s-8 s)
Fuse	250 V, 5 A, Φ 5 x 20
Soundproof box size	W.501 × D.380 × H.577 mm
Net weight	14 kg
Input power	220 V / 50 Hz
Power	650 W (1 % - 99 %)
Power Supply	W.250 × D.420 × H.438.5 mm



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