

# 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.

## LIH13 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	LIH13-150	LIH13-250	LIH13-400	LIH13-500
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	LIH13-600	LIH13-700	LIH13-1000	LIH13-1200
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	LIH13-1500	LIH13-1800	LIH13-2000
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



LIH13-150



LIH13-250



LIH13-400



LIH13-500



LIH13-600



LIH13-700



LIH13-1000



LIH13-1200



LIH13-1500



LIH13-1800



LIH13-2000

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