LABSTAC

CUP TYPE ULTRASONIC PROCESSOR

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CUP TYPE ULTRASONIC PROCESSOR

Cup Type Ultrasonic processor is also known as Non contact ultrasonic processor,is used for aseptic crushing and

Designed for the second generation sequencing DNA samples

Used in Research, Biotechnology, Chemical, Pharmaceutical, Indutries.

Also known as Non touch ultrasonic processor,Non-contact ultrasonic processor.

LIH15 CUP TYPE ULTRASONIC PROCESSOR

No aerosol aerosol generation- enhanced biological safety, used for aseptic operation; (such as: mycobacterium, hepatitis B virus, hepatitis A virus, influenza (including H1N1), SARS virus)

The risk of sample cross-contamination is eliminated; chromosomes can be broken and cells can be broken through centrifuge tubes

Eliminates the cumbersomeness of traditional hand-held probes and fixed probes, with a sound-absorbing compression device

Can effectively prevent the generation of sample foam

Chinese LCD display, the power can be fine-tuned, and the input mode can be fine-tuned by 5W each time

Periodic pulses are used to break cells, the start and end times of pulses are adjustable, and the adjustable time is accurate to 0.1 second

Can handle a variety of samples, a wide range of sample processing

Standard disposable containers (PCR tubes Eppendorf, 0.4~6ml Corning/Falcon tubes) can be used

Can be used to deal with micro samples; minimum to 5uL

It can process 4 samples at one time, and the corresponding model needs to be selected

The automatic continuous rotating centrifuge tube makes the ultrasonic energy distribution more uniform, the data is specific and repeatable

With a cooling water circulation tank interface, a low-temperature cooling liquid circulation machine can be selected to avoid excessive temperature during the crushing process and affect the infectivity of viruses.

SPECIFICATIONS

Model	LIH15-1200	LIH15-2200
Ultrasonic power	1200 W	2200 W
Crushing capacity	(0.1-1.5ml)x4 ml	
Temperature control range	-5-50 degrees (requires optional low temperature constant temperature)	
duty cycle	1-99.9%	
Display mode	widescreen LCD display	
Single ultrasound time	0.1-9.9 S	
Single gap time	0.1-9.9 S	
Total working time	1-999 M	
Alarm functions include	temperature, time, overload, no-load	
Random horn	Φ20 or 25 (optional)	
Optional centrifuge tube fixture	0.2ml x8 holes or 5ml x3 holes	
Working frequency	19.5-20.5 KHz	
Power Supply	220/110V 50Hz/60Hz	

LIH15-1200

LIH15-2200

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