

NON-TOUCH

ULTRASONICHOMOGENIZER

Description

Non-Touch ultrasonic homogenizer is used to aseptically crush cells, interrupting chromosomes and crushing cells across the centrifuge tube. Tailored for second-generation sequencing DNA samples and chromatin immunoprecipitation experiments sample pre-treatment, compared with the traditional probe contact ultrasonic cell crusher, non-contact samples can be crushed under closed containers, does not produce infectious aerosols, ultrasonic probes and samples do not come into contact with the sample to avoid cross-contamination. Non-Touch ultrasonic homogenizer can obtain the quality, efficiency and safety of the traditional ultrasound method is unparalleled.

Multiple samples can be tested at the same time at a time, high experimental efficiency; no wear and tear, slag phenomenon.

Optional cooling water circulation system to facilitate the sample in the 4 °C water bath ultrasound, so that the energy distribution is uniform, ultrasound effect is complete; ultrasound parameter setting flexibility, standardization of experimental steps, experimental repeatability, high reliability of the results. It has gradually become an indispensable standardized tool for ChIP (Chromatin Immunoprecipitation) and DNA shearing research platform.

Features

- -Zero sample contamination: Non-contact eliminates the risk of cross-contamination and wear and tear of traditional probes.
- -Safe and Reliable: Enclosed environment enhances biosafety (e.g. mycobacteria, viruses, etc.).
- -Low sample loss: can be used for micro-volume samples down to 5μl.
- -Wide range of applications: suitable for a wide range of standard containers to handle a wide range of samples.
- -Repeatability: Adjustable parameters for precise control of the sample process and high reproducibility of results.
- -Isothermal processing: optional cooling water circulation system to avoid high temperature damage to samples.
- -Rotating stand: automatic continuous rotation of the centrifuge tube makes the ultrasonic energy distribution more uniform.



SCIENTZ08-IIIC

Main Technical Parameters

Model	SCIENTZ08-IIIC
Frequency	20KHz (±0.5KHz)
Power	1800W
Power Adjust	1%-100%
Timing	1-999min
Duty Ratio	0.1 -99.9%
Capacity	900ml
Temp. Display	Support
Holder	0.5ml*12 wells、 2ml*12 wells、 0.2ml*12 wells、 support 5ml-50ml
Power Supply	220V±0.5 50Hz
Chiller	Support