

DW08-II

Uncontact Ultrasonic Cell Crusher

Product manual

Non-contact ultrasonic crusher, also called cup crusher, is used for aseptic crushing. It can break chromosomes and crush cells through a centrifuge tube. It is tailor-made for the pretreatment of second-generation sequencing DNA samples and chromatin immunoprecipitation experiments. Compared with the traditional probe contact ultrasonic cell crusher, non-contact samples can be broken in a sealed container without infectivity. Fly fog, the ultrasonic probe does not contact the sample to avoid cross-contamination. The non-contact ultrasonic pulverizer can obtain the unparalleled quality, efficiency and safety of the traditional ultrasonic method.



Performance characteristics

- Sample pollution-free: non-contact type eliminates the risk of cross-contamination and the phenomenon of traditional probe wear and slag
- Safe and reliable: Closed environment enhances biological safety (such as mycobacteria, viruses, etc.)
- Small sample loss: can be used to process small samples, as small as 5 pi
- Wide range of applications: suitable for various standard containers, and can handle a variety of samples
- High repeatability: adjustable parameters, precise control of the sample processing process, high repeatability of results
- Isothermal treatment: optional cooling water circulation system to avoid damage to samples caused by excessive temperature

Parameters

Model	DW08-II
Frequency	40 KHz
Power	1800W, adjustable 1-99%
Timing	1-999min
Duty cycle	0.1-99.9%
Tank volume	1.5L
Temperature display	Yes
Broken bracket	1-2ml*16 holes, 5-15ml*8 holes, 10-15ml*8 holes
Power supply	220/110V±0.5 50Hz/60Hz