

# DW08-III

## 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 5µl
- 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

<b>Model</b>	<b>DW08-III</b>
<b>Frequency</b>	<b>40 KHz</b>
<b>Power</b>	<b>2200W, adjustable 1-99%</b>
<b>Timing</b>	<b>1-999min</b>
<b>Duty cycle</b>	<b>0.1-99.9%</b>
<b>Tank volume</b>	<b>3L</b>
<b>Temperature display</b>	<b>Yes</b>
<b>Broken bracket</b>	<b>1-2ml*32 holes, 5ml*20 holes, 10-15ml*17 holes</b>
<b>Power supply</b>	<b>220/110V±0.5 50Hz/60Hz</b>