

## UP-250 Ultrasonic Cell Disruptors

It is an instrument to produce cavitation effect of multifunction and multi purpose through ultrasonic wave in the liquid. It can be used a variety of broking of cells, viruses, bacterias, and plant and animal tissues, which can also be used for crushing various types of high macromolecular substances and can be applied to emulsify, separate, homogenize, extract, foam, clean and speed up the chemical reactions.

Our ultrasonic cell disruptors have the overload protection and amplitude transformer that won't work before immersing into a liquid and opening to protect the amplitude transformer from damage.



### Main Technical Parameters:

Working frequency	20-30 KHz frequency automatic tracking
Display mode	7-cun TFT Touch
Set the full time	0.1—99 minutes
Ultrasonic power	250W (1%-99%) is continuously adjustable
Random amplitude transformer	Φ3
Optional amplitude transformer	Φ2,Φ6
Crushing capacity	0.1-150ml
Duty cycle	0.1-99.9%
Data storage	20 groups
Power supply	220V/110V 50Hz/60Hz

## UP-400S Ultrasonic Cell Disruptors

It is an instrument to produce cavitation effect of multifunction and multi purpose through ultrasonic wave in the liquid. It can be used a variety of broking of cells, viruses, bacterias, and plant and animal tissues, which can also be used for crushing various types of high macromolecular substances and can be applied to emulsify, separate, homogenize, extract, foam, clean and speed up the chemical reactions .Our ultrasonic cell disruptors have the overload protection and amplitude transformer that won't work before immersing into a liquid and opening to protect the amplitude transformer from damage.

### Main Technical Parameters:

Working frequency	20-30 KHz frequency automatic tracking
Display mode	7-cun TFT Touch
Set the full time	0.1—99 minutes
Ultrasonic power	400W(1%-100%) is continuously adjustable
Random amplitude transformer	Φ 6
Optional amplitude transformer	Φ 2, Φ 3, Φ 8
Crushing capacity	0.1-300ml
Duty cycle	0.1-99.9%
Data storage	20 groups
Power supply	220V/110V 50Hz/60Hz

