

JY96-IIN 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	20-25 KHz frequency automatic tracking
Display mode	4.3-cun TFT Touch
Display content	Temperature, power and time
PWM control switch power supply, power continuously adjustable	
Protection device self-diagnosis function, automatic error correction program, overload protection, overtemperature protection	
Sound insulation device adopts sheet metal, plastic spraying, ABS material, mold set, with door lock function	
Set the ultrasound time	0.1—9.9 seconds
Set the time gap	0.1—9.9 seconds
Set the full time	0.1—999 minutes

Ultrasonic power	150W (1%-99%) is continuously adjustable
Random amplitude transformer	Φ 6
Optional amplitude transformer	Φ2,Φ3,Φ10,Φ15

Crushing capacity	0.2-150ml
Duty cycle	0.1-99.9%
Data storage	20 groups
Temperature Warning	0-99℃
Warning	Temperature and time
Operating mode	Interval/continuation
Power supply	220V/110V 50Hz/60Hz
Net weight of machine	14.3kg
Out packing size	534*295*435mm
Size and net weight of power supply case	400*280*220mm; 12.2kg
Size and net weight of soundproof box	275*250*480mm; 8.04kg