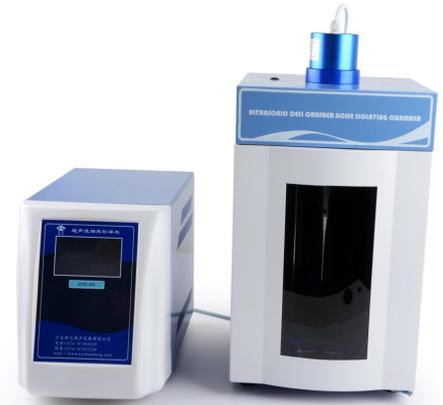


## AE-N Series Ultrasonic Cell Disruptors

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 .

The machine has been widely used in the teaching, research and production of biology, chemistry, microbiology, pharmacology, physics, zoology, agriculture, medicine and pharmacy and other fields.

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.



Model	JY96-IIN	JY88-IIN	JY92-IIN	JY92-IIDN
Frequency	20-25 KHz	20-25 KHz	20-25 KHz	20-25 KHz
Set the ultrasound time	0.1-9.9S	0.1-9.9S	0.1-9.9S	0.1-9.9S
Set the time gap	0.1-99.9S	0.1-99.9S	0.1-99.9S	0.1-99.9S
Set the total time of ultrasound	0.1-999.9min	0.1-999.9 min	0.1-999.9 min	0.1-999.9 min
Power	150 W	250 W	650 W	900 W
Random amplitude transformer	Φ6	Φ6	Φ6	Φ6
Optional amplitude transformer	Φ3	Φ3	Φ2,3,10,12,15	Φ2,3,10,12,15
Crushing capacity	0.2-100ml	0.2-200ml	0.2-500ml	0.2-600ml
Duty cycle	0.1-99.9%	0.1-99.9%	0.1-99.9%	0.1-99.9%
Power supply	220/110V 50Hz/60Hz			
Net weight of machine	15kg			
Out packing size	534x295x435mm			

The main technical parameters: liquid-crystal display has the temperature protection, with real-time detection of the sample's temperature

Model	AE-IID	JY98-IIIN	JY98-IIDN	JY99-IIDN
Frequency	20-25 KHz	19.5-20.5 KHz	19.5-20.5 KHz	19.5-20.5 KHz
Set the ultrasound time	0.1-9.9S	0.1-9.9S	0.1-9.9S	0.1-9.9S
Set the time gap	0.1-99.9S	0.1-99.9S	0.1-99.9S	0.1-99.9S
Set the ultrasound total time	0.1-999.9 min	0.1-999.9 min	0.1-999.9 min	0.1-999.9 min
Power	950 W	1200 W	1500 W	1800 W
Random amplitude transformer	Φ 6	Φ 20	Φ 20	Φ 25
Optional amplitude transformer	Φ 2,3,10,12,15	Φ 15,25	Φ 15,25	Φ 20,28
Crushing capacity	0.2-800ml	50-1000ml	50-1000ml	100-2000ml
Duty cycle	0.1-99.9%	0.1-99.9%	0.1-99.9%	0.1-99.9%
Power supply	220/110V 50Hz/60Hz			
Net weight of machine	15kg			
Out packing size	534x295x435mm			