

F Series Ultrasonic Homogenizer

Ultrasonic Homogenizer is ultrasonic treatment equipment specially designed for dispersing materials; it has the advantages of strong power output and good dispersion effect.

Application area: Materials chemistry: the dispersion and emulsification, and homogenization of nanomaterials, such as carbon nanotubes, graphene and other materials.

FEATURES

- With new software, central microcomputer centralized control
- It adopts Backlit and LCD large screen display
- Ultrasonic power step with 1% continuous adjustable.
- With pulse and continuous operation, and with test function
- Ultrasonic time, gap time, and total time can be accurate to 0.1 seconds.



TECHNICAL PARAMETERS

Model	Scientz-750F	Scientz-1500F	Scientz-2400F
Frequency	19.5-20.5 KHz	19.5-20.5 KHz	19.5-20.5KHz
Display	LCD	LCD	LCD
Adjustable Power Range	750W(20%-99%)	1500W(20%-99%)	2400W(20%-99%)
Optional Tip	6, 15mm	15, 25mm	No
Processing Volume	5-700ml	50-1200ml	500-5000ml
Duty Ratio	0.1-99.9%	0.1-99.9%	0.1-99.9%
Temperature Alarm	Yes (Prevent sample overheating)	Yes (Prevent sample overheating)	Yes (Prevent sample overheating)
Alarm	Time、Temperature、Overload	Time、Temperature、Overload	Time、Temperature、Overload
The Size of Power Supply Chassis	400*280*220(mm)	400*280*220(mm)	400*280*220(mm)
Standard Configuration	Generator host 1pc、Dispersing head 1pc、Sound Abating trap 1pc	Generator host 1pc、Dispersing head 1pc、Sound Abating trap 1pc	Generator host 1pc、Dispersing head 1pc、Sound Abating trap 1pc

JY-N Ultrasonic Homogenizer

ULTRASONIC HOMOGENIZER

FEATURES

- With new software, central microcomputer centralized control
- It adopts 7 inch TFT touch screen display
- Ultrasonic power step with 1% continuous adjustable.
- With pulse and continuous operation, and with test function
- Ultrasonic time, gap time, and total time can be accurate to 0.1 seconds.

JY96-IIN、JY88-IIN、JY92-IIN、JY92-IIDN Ultrasonic Homogenizer
ULTRASONIC HOMOGENIZER



TECHNICAL PARAMETERS

Model	JY96-IIN	JY88-IIN	JY92-IIN	JY92-IIDN
Frequency	20-25KHz	20-25KHz	20-25KHz	20-25KHz
Display	LCD	LCD	LCD	LCD
Adjustable Power Range	150W(5%-99%)	250W(5%-99%)	650W(1%-99%)	900W(1%-99%)
Accompany Tip (Φ)	6mm	6mm	6mm	6mm
Optional Tip (Φ)	3mm	3mm	2, 3, 10, 12, 15mm	2, 3, 10, 12, 15mm
Processing Volume	10-100ml	10-200ml	0.5-500ml	0.5-600ml
Duty Ratio	1-99%	1-99%	1-99%	0.1-99.9%
Temperature Alarm	No	No	No	0-99°C(Prevent sample overheating)
Alarm	time, overload	time, overload	time, overload	time, temperature、overload
Power Supply	220/110V 50Hz/60Hz	220/110V 50Hz/60Hz	220/110V 50Hz/60Hz	220/110V 50Hz/60Hz
The Size Of Power Supply Chassis	430*255*300mm	430*255*300mm	430*255*300mm	430*255*300mm
The Weight(The Host And Transducer)	9.3Kg	9.8Kg	14Kg	14.2Kg
The Size Of Sound Abating Trap	345*340*570mm	345*340*570mm	345*340*570mm	345*340*570mm

JY98-IIIN、JY98-IIDN、JY99-IIDN Ultrasonic Homogenizer
ULTRASONIC HOMOGENIZER



TECHNICAL PARAMETERS

Model	JY98-IIIN	JY98-IIDN	JY99-IIDN
Frequency	19.5-20.5 KHz	19.5-20.5 KHz	19.5-20.5KHz
Display	7 inch TFT touch screen	7 inch TFT touch screen	7 inch TFT touch screen
Adjustable Power Range	1200W(20%-99%)	1200W(20%-99%)	1800W(20%-99%)
Accompany Tip	20mm	20mm	25mm
Optional Tip	15, 25mm	15, 25mm	20, 28mm
Processing Volume	50-1000ml	50-1000ml	50-1200ml
Duty Ratio	1-99%	0.1-99.9%	0.1-99.9%
Temperature Alarm	No	Yes(Prevent sample overheating)	Yes (Prevent sample overheating)
Alarm	Over-temperature、overtime、overload	Over-temperature、overtime、overload	Over-temperature、overtime、overload
The Size Of Power Supply Chassis	430*255*300mm	430*255*300mm	430*255*300mm
New Weight	12.1Kg	12.1Kg	13Kg
The Size Of Sound Abating Trap	345*340*570mm	345*340*570mm	345*340*570mm
The Weight(The Host And Transducer)	14.5Kg	14.5Kg	15Kg