

Ultrasonic Homogenizer Scientz-IIID

Description:

As a new type of ultrasonic homogenizer, it enjoys complete functions, novel appearance and reliable performance. It has a large-screen display and concentrated control by a central computer. The ultrasonic time and power can be set accordingly. Besides, such functions as sample temperature display, actual frequency display, computerized tracking and automatic trouble warning can all be displayed in the large LCD screen.



Specifications

Model No	Scientz-IIID	JY99-IIIDN	JY98-IIIDN
Frequency	20-25KHz auto tracking		
Power	950W	1800W(20%-99%)	1200W(20%-99%)
Display	7" TFT Touch display		
Temperature alarm range	0-99℃		
Timer	0-999 minutes		
Accessories (Φ)	Φ6mm	Φ25mm	Φ20mm
Working method	Interval /continue		
Alarm items	Time ,temperature ,overload		
Optional Tip (Φ)	Φ2、 3、 10、	Φ20mm,28mm	Φ15mm,25mm
Crushing Capacity	0.5-600ml	50-1200ml	50-1000ml
Duty Ratio (%)	0.1-99.9%		
Supply	220/110V 50Hz/60Hz		
Features	Using PWM control switching power supply. Power continuously adjustable. Stability. Can store 50 sets experimental parameters.		
Host size& wight	400*255*300mm&9.9Kg	400*255*300mm&15Kg	400*255*300mm&14.5Kg
Sound chamber size &weight	345*340*570mm &12kg	345*340*570mm &12kg	345*340*570mm &12kg

Model No	JY92-IIIDN	JY92-IIDN	JY88-IIDN	JY96-IIDN
Frequency	20-25KHz auto tracking			
Power	900W(1%-99%)	650W(1%-99%)	250W(5%-99%)	150W(5%-99%)
Display	7" TFT Touch display			
Temperature alarm range	0-99℃			
Timer	0-999 minutes			
Accessories (Φ)	Φ6mm	Φ6mm	Φ6mm	Φ6mm
Working method	Interval /continue			
Alarm items	Time ,temperature ,overload		Time ,overload	
Optional Tip (Φ)	Φ2、 3、 10、	Φ2mm,3mm	Φ2mm,3mm	Φ2mm,3mm
Crushing Capacity	0.5-600ml	0.5-500ml	10-200ml	10-100ml
Duty Ratio (%)	0.1-99.9%			
Supply	220/110V 50Hz/60Hz			
Features	Using PWM control switching power supply. Power continuously adjustable. Stability. Can store 50 sets experimental parameters.			
Host size& wight	400*255*300mm&14.2Kg	400*255*300mm&14.5Kg	400*255*300mm&9.8Kg	400*255*300mm&9.3Kg
Sound chamber size &weight	345*340*570mm &12kg	345*340*570mm &12kg	345*340*570mm &12kg	345*340*570mm &12kg

High-pressure Homogenizer JG-IA

Description:

Acting on high-pressure principle, the instrument is used for extruding cells, especially suitable for smashing thick-wall cells, germs and denser solution samples. Having no noise, less temperature rise and no metal ion contamination, it has wide application of such research fields as protein study, nucleic acid extraction, cell disruption in genetic engineering labs of colleges, scientific research institutes and pharmaceutical factories.

Specifications

Model No	JG-IA
Capacity	50ml/times Continuous increase samples for scientific research
Voltage	380V
Maximum operating pressure	256Mpa(37120PSi)
Pressure device	Hydraulic System
Max Pressure stroke	170mm
Sample tube	Φ25mm Stainless
Pressure plate speed	6.8mm/s
Dimensions	555*600*1170mm
Largest volume of sample	50ml/times



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Nano-Homogenizer SCIENTZ-150

Description:

2.2KW great-power motor is equipped with a specially designed feed valve to ensure stable operation under high pressure no exhaust. The feed is directly supplied to the built-in cooling circulatory system, so that the homogeneous points can be cooled immediately. All pipes are made of 316L stainless steel.

Specifications

Maximum working pressure	1500bar/150Mpa/21750psi
Maximum design pressure	1800bar/180Mpa/26100psi
Maximum capacity	15L/h
Minimum capacity	15ml
Material Consumption	0ml(No residue)
Motor Power	2.2KW/380V/50Hz
Dimensions	L800×W460×H450mm
Weight	120Kg

Note: Optional low-temperature cooling circulatory system



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