



IGENE LABSERVE

Innovative • Interactive • Intuitive

Universal Ultrasonic Homogenizer



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Features

- ❖ It has a large-screen display and accurate control by a PID Microprocessor.
- ❖ The ultrasonic time and power can be set accordingly.
- ❖ Sample temperature display, actual frequency display, computerized tracking and automatic trouble warning can all be displayed in the large LCD screen.
- ❖ It adopts 7 inch TFT touch screen display
- ❖ Ultrasonic power step with 1% continuous adjustable increment.
- ❖ With pulse and continuous operation along with rest function
- ❖ Ultrasonic time, gap time, and total time can be accurate to 0.1 seconds.

Specifications

Model	IG-92DN
Frequency	20-25 KHz
Display	LCD
Power	900W
Power Range	1-99%
Std.Tip (Φ)	6 mm
Tip options(Φ)	2,3,10,12,15 mm
Processing Volume	0.5-1000ml
Duty Ratio	0.1-99.9%
Temperature Alarm	0.1-99°C (Prevent sample overheating)
Alarm	Time,temperature,overload
Power Supply	220V 50Hz/60Hz



Titanium Alloy Tips/Probe/Horn size reference value

Tip Model	Frequency(KHZ)	Power Range	Crushing Capacity
Φ2	1/12"	20-25KHz	0.5-5ml
Φ3	1/8"	20-25KHz	3-10ml
Φ6	1/4"	20-25KHz	10-100ml
Φ10	5/12"	20-25KHz/19.5-20.5KHz	100-200ml
Φ12	1/2"	20-25KHz	100-200ml
Φ15	5/8"	20-25KHz/19.5-20.5KHz	200-600ml
Φ18	3/4"	20-25KHz	200-500ml
Φ20	3/4"	19.5-20.5KHz	500-1000ml
Φ25	1"	19.5-20.5KHz	500-1200ml

