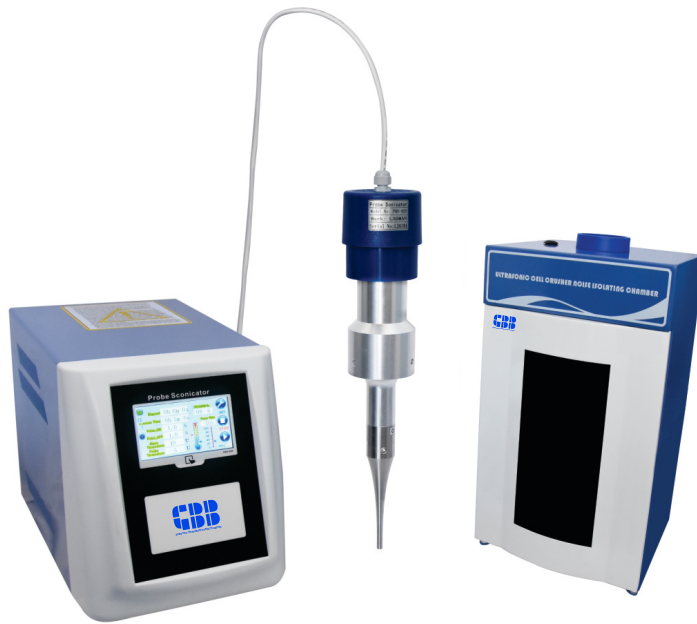


# Probe Sonicator With Sound Proof Enclosure Model : GBB - PS650



Probe Sonicator is a multi-function and multi-purpose instrument that utilizes ultrasonic cavitation in liquid. It can be used for breaking many kinds of cells, bacteria, viruses, animal and plant tissues, also for emulsification and separation, homogenization, extraction, defoaming, cleaning, preparation of nanomaterials, dispersion and accelerated chemical reactions. Widely used in biology, medicine, agriculture, chemistry, materials science, pharmaceutical and other fields of teaching, research, production.

## *Salient Features*

- ◆ Touchscreen display - 4.3 inches TFT
- ◆ User Password Protection available
- ◆ Microprocessor controlled and completely programmable.
- ◆ Large LCD display with Time setting .
- ◆ Temperature Indicator and controller .
- ◆ Auto-tuning for convenience and optimal processing efficiency .
- ◆ Variable Power Output control.
- ◆ Auto frequency tracking
- ◆ Output amplitude 0-100% adjustment.
- ◆ Automatic fault alarm.

**SPECIFICATIONS**

<b>Model</b>	<b>GBB-PS650</b>
Frequency	20-25KHz - Automatic tracking
Process capacity	0.5-500ml (approx.)
Probe Dia (Titanium Alloy) Standard	6mm (1/4")
Display	4.3 inches TFT
Display Function	Temperature, Power, Time, etc.
Temperature range(°C)	0-99°C
Timer (Selectable)	Yes
Overload Protection	Yes
User Password Protection	Available
Input method	Touch screen control,
Data Memory	20 groups
Output Power	6.5-650W (adjustable)
Power supply	AC 220V /50HZ
Dimensions LxWxH (mm)	490 x 370 x 280
Weight	10 kg + 5kg (Sound Proof Enclosure)

Probes (mm)	Φ2	Φ3	★Φ6	Φ8	Φ10	Φ12
Process capacity	0.5-5ml	3-10ml	10-100ml	20-200ml	30-300ml	50-500ml
Power ratio (1-100%)	1-40%	1-50%	1-70%	1-80%	1-90%	20-95%

Please use Probe Sonicator with stabilizer for better result

**Optional Probe : 2mm, 3mm, 8mm, 10mm, 12mm**

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Perfection in  
Laboratory Science



\*Design & specification are subject to change without any prior notice.  
\*OEM option available

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