



# **LABSUN SELECTION**

**Ultrasonic homogenizer**

## Ultrasonic homogenizer

### 650L

Ultrasonic homogenizer 650L use the cavitation effect of ultrasonic waves to process experimental samples, and can be used to break many kinds of cells, viruses, animal and plant tissues, and can be used for emulsifying, separating, homogenizing, extracting, defoaming, cleaning, preparation of nanomaterials, dispersing, and accelerating chemical reactions, etc.

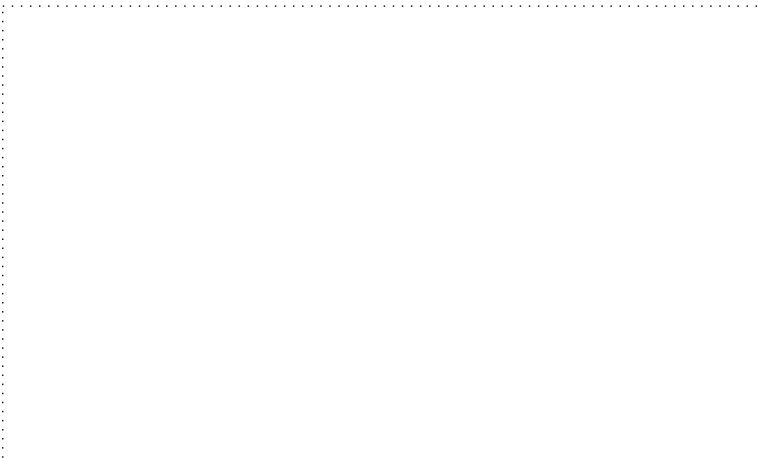


#### Features

- All-in-one: Integrated, all-in-one design that takes up less lab space
- Test function: Pulsed and continuous operation with test function
- Electric lift: Remote control lift available as an option
- Precision: Ultrasonic time, gap time can be accurate to 0.1 seconds
- Low noise: The chassis is surrounded by three-dimensional environmentally friendly acoustic panels to reduce noise pollution
- Alarm function: With overload, over-temperature, time alarm function
- Intelligent: Programmable ultrasound program
- Superior quality of material: TC4 Military Grade Titanium Transducer
- Flexible parameters: Ultrasonic power step is continuously and finely adjustable by 1%
- High cleanliness: Smooth interior for easy wiping
- Refrigeration function: Built-in refrigeration; no external device needed

#### Technical Parameters

Model	650L
Frequency	20~25kHz
Display Mode	7-inch capacitive touch screen
Ultrasonic Power	650W (1%~100%)
Standard Amplitude Transformer	6mm
Optional Amplitude Transformer	2mm, 3mm
Crushing Capacity	100ul~50ml
Standard Adapter	Standard: 50ml refrigerated adapters
Optional Adapter	Optional: 0.2ml, 0.5ml, 2ml, 5ml, 10ml, 15ml refrigerated adapters
Alarm Temperature	0~99.9°C
Overall Dimensions	312×334×620 mm
Transducer Lifting Mode	Electric, standard with remotecontrollable lifting
Internal Lighting	Available
Refrigeration Temperature	-4°C~room temperature



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