

ULTRASONIC HOMOGENIZER

DESCRIPTION

Innovative equipment that works differently than traditional homogenizers, to facilitate the breaking up of hard samples and achieve a smaller particle size in tissue and cell disruption assays, and DNA, RNA, and protein extraction. Ideal for biology, chemistry, biotechnology, microbiology, nanotechnology, quality control, and scientific research laboratories.

TECHNICAL PARAMETERS

MODEL	ECO-IID
Processing volume	10-100 mL
Operation mode	Gap and continuous
Timer	1 to 999 min
Operation and gap times	0.1 - 99.9 seconds
Ultrasonic power	1000 W (1-100%)
Ultrasonic frequency	20 - 25 KHz
Display	7-inches touch screen
Tip	Φ6
Tip material	Titanium alloy
Dimensions	Soundproof chamber: 345 x 340 x 570 mm Mainframe: 255 x 430 x 300 mm
Power	1000 W
Power supply	AC 110V, 60Hz



Ecoshel reserves all the rights to changes in product design, if there are any design change, we will not inform in advance.

STANDARD ACCESSORIES

1. Soundproof chamber
2. Hook spanners
3. Temperature probe
4. Ultrasonic probe tip
5. Ultrasonic probe

OPTIONAL ACCESSORIES

1. $\Phi 2$, $\Phi 3$ and $\Phi 10$ interchangeable tips

KEY FEATURES

1. Simple operation and intuitive control panel.
2. Temperature probe protects the sample from overheating during homogenization.
3. Soundproof chamber with transparent door that significantly reduces high-frequency noise emitted during homogenization.
4. Sample support base is motorized and its height is adjustable.
5. Interchangeable tips for different processing volumes.



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