

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	100 - 200 mL
Operation mode	Gap and continuous
Timer	1 to 999 min
Sonication and gap times	0.1 - 99.9 seconds
Ultrasonic power	1000 W (1-100%)
Ultrasonic frequency	20 - 25 KHz
Display	7-inches touch screen
Memory	10 programs
Tip	Φ6
Tip material	Titanium alloy
Power	950 W
Dimensions	Soundproof chamber: 345 x 340 x 570 mm Mainframe: 255 x 430 x 300 mm
Weight	Soundproof chamber: 14 kg Mainframe: 12.2 kg
Power supply	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
6. Three-finger clamp
7. Cross clamp

OPTIONAL ACCESSORIES

1. Φ 2, 3, 10 and 15 interchangeable tips

KEY FEATURES

1. Intuitive control panel.
2. Temperature probe included to detect of sample overheating related to homogenization.
3. Overload protection.
4. Soundproof chamber with transparent door that significantly reduces high-frequency noise emitted during homogenization.
5. Height-adjustable sample support base.
6. Wide range of interchangeable tips for different processing volumes.



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