

# BH-24 Benchtop Homogenizer

Pre-Processing Equipments

## Introduction

BH-24 Benchtop homogenizer is a fast high-throughput homogenizer, combines the functions of grinding, cracking, homogenization as one. It is through the three-dimensional high-speed vibration, grinding beads (glass beads, ceramic beads, steel balls, etc.) beating, to achieve the sample grinding, cracking and homogenizing purpose.

## Features

1. Exquisite design, stable body, man-machine angle design, easy to operate.
2. Adopting 4.3-inch color screen, display parameters of the indicators, parameter setting is convenient and fast.
3. The program built-in 10 groups commonly used parameter settings, one key call, convenient and quick.
4. Different materials grinding beads and corresponding programs can be selected for different samples.
5. Homogeneous effect is good, time-saving and efficient, not only save time and effort, and the difference inter-batch and inside batch is smaller.
6. Each sample uses a separate crushing tube without cross-contamination.
7. A variety of materials and diameters of abrasive beads are available for different type of samples.
8. Can homogenize most of the samples and retain the integrity of biomolecules (DNA, RNA, protein) and drug molecules.



## Parameters

Model	BH-24	Acceleration time	< 7s @6000rpm
Oscillation speed	2460~6000rpm, Increment in 10rpm	Deceleration time	< 7s @6000rpm
Operation time	1s~90s, Increment in 1s	Noise level	<75db
Interval time	1s~90s, Increment in 1s	Max.input power	500W
Cycle index	10	Input power	AC100~240V, 50/60Hz
Stored program	10	Dimension(WxDxH)	W.300mmxD.350mmxH.300mm
Sample capacity	24 piece 2ml/1.5ml grinding tube	Net weight	28kgs

## Accessory Parameters

Name	Cryotube	Stainless steel beads	Zirconium beads	Zirconium beads	Glass bead	Glass bead	Glass bead
Specs	2.0mL	φ3	Φ3	Φ1.5	Φ3	Φ1.2	Φ0.5
Quantity	50	150	150	100g	150	100g	100g