BH-24 Benchtop Homogenizer

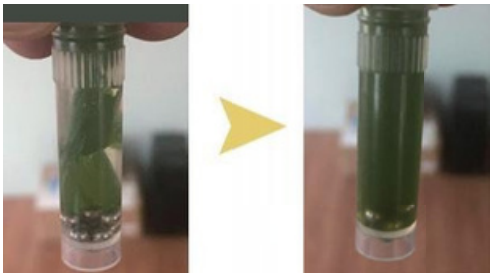
Pre-Processing Equipments

Introduction

The BH-24 Benchtop Homogenizer is a high-throughput homogenizer that combines grinding, crushing and homogenisation in one instrument. Its three-dimensional high-speed vibration action processes samples using grinding media such as glass beads, ceramic beads and steel balls, helping to grind, crush and homogenise the sample.

Features

1. A refined design, stable construction and ergonomic controls make the instrument easy to operate.
2. A 4.3-inch colour screen displays key operating parameters, making settings quick and convenient to adjust.
3. The instrument stores 10 commonly used programme settings, which can be recalled at the touch of a button.
4. A choice of grinding bead materials and corresponding programmes is available to suit different sample types.
5. Efficient homogenisation helps save time and effort while reducing variation between batches and within individual batches.
6. Each sample is processed in a separate crushing tube to help prevent cross-contamination.
7. A range of abrasive bead materials and diameters is available for different sample types.
8. The instrument can homogenise a wide range of samples while helping preserve the integrity of biomolecules, including DNA, RNA, proteins 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.300mm×D.350mm×H.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