



## HOMOGENIZER

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## 800 HOMOGENIZER



The B-500 homogenizer is the ideal solution for dispersing, homogenizing, mixing and grinding biological tissue samples (cells, animal and plant tissues) pharmaceutical products, cosmetics and food products. The WT500 is characterized by a high versatility

A "Quick Lock" single quarter turn assembly shaft can be combined with a wide selection of stator and rotor configurations according to the specific application for which it is to be used

Flexible, easy-to-use, rapid and user-friendly stator and rotor interchangeability: a single instrument for a wide range of uses that ensures excellent performance and safety.

## SPECIFICATIONS

Model	BLHM-801	BLHM-802
Frequency	110-120 V / 60 Hz , 220-240 V / 50-60 Hz	
Power input/output	500 Watt	
speed range	10000-30000 rpm	10001-30000 rpm
Rotor speed	22.7-36 m/sec	23.7-36 m/sec
Speed Setting	6 speeds	
Range	100ml-5000ml	
Max viscosity	10000 mPas	
Material	stainless steel PTEE	
Weight	1.3 Kg	
Dimensions	70mmx70mmx255mm	
noise emission	79dB(A)	
Operating Environment	0-40°C , 85%rel.humidity	
Protection class	IP20	



BLHM-801



BLHM-802

## 900 HOMOGENIZER



The B- 170 is a rotor/stator type hand held tissue homogenizer which can rapidly dispersing, homogenizing, extractions, cell disruption, mixing, emulsifying, suspending samples in 0.1- 50 ml of liquid or 1-250ml depending on the dispersing shaft

During operation, the suspended material is drawn into the core of the homogenizer by a rotor turning at up to 30,000 rpm

The material is repeatedly cycled through narrow slits in the stator where it is rapidly sheared and disintegrated by high shear mechanical action

Complete homogenization of tissues (muscle, liver, breast tissue, etc.) is usually achieved in a few seconds. Little, if any, heat is produced during the process

## SPECIFICATIONS

Model	BLHM-901	BLHM-902
Frequency	110-120 V / 60Hz , 220-240 V / 50-60 Hz	
Power input/output	160 Watt	
speed range	8000-30000 rpm	
Rotor speed	6.3-14 m/sec	
Speed Setting	6 speeds	
Range	0.1-50 ml	1-250 ml
Max viscosity	5000 mPas	
Material	stainless steel PTEE	
Weight	0.6 Kg	
Dimensions	46mmx55mmx230mm	
noise emission	72dB(A)	
Operating Environment	0-40°C , 85%rel.humidity	
Protection class	IP20	



BLHM-901



BLHM-902

## BLHM-1001 HOMOGENIZER



Exquisite design, stable body, man-machine angle design, easy to operate

Adopting 4.3 - inch color screen, display parameters of the indicators, parameter setting is convenient and fast

The program built-in 10 groups commonly used parameter settings, one key call, convenient and quick

Different materials grinding beads and corresponding programs can be selected for different samples

Homogeneous effect is good, time-saving and efficient, not only save time and effort, and the difference inter-batch and inside batch is smaller

Each sample uses a separate crushing tube without cross-contamination

A variety of materials and diameters of abrasive beads are available for different type of samples

Can homogenize most of the samples and retain the integrity of biomolecules (DNA, RNA, protein) and drug molecules

## SPECIFICATIONS

Model	BLHM-1001
Oscillation speed	2460 ~ 6000 rpm, Increment in 10 rpm
Operation time	1 s ~ 90 s, Increment in 1 s
Interval time	1 s ~ 90 s, Increment in 1 s
Cycle index	10
Stored program	10
Sample capacity	24 piece 2 ml/1.5 ml grinding tube
Acceleration time	< 7 s @ 6000 rpm
Deceleration time	< 7 s @ 6000 rpm
Weight	28 Kg
Dimensions	W.300 mm × D.350 mm × H.300 mm
noise emission	<75 dB
Input power	AC 100~240 V, 50/60 Hz
Power Supply	500W

## BLHM-2001 HOMOGENIZER



Designed smart and light

Can operate in one hand

Speed adjustable, digital display speed. Speed precisely controlled to avoid splashing

Suitable for homogeneous dispersion of a small amount of sample in small container

High quality stainless steel dispersing head, anti-corrosion, high temperature resistance for disinfecting

Easy to take off the dispersing head for cleaning

High speed and high efficiency motor, long life

Optional H-type stand, height and angle can be adjusted, convenient to take and store

## SPECIFICATIONS

Model	BLHM-2001
Speed Range	8 krpm ~ 35 Krpm(1 krpm Increment)
Rotor Line Speed	6.3 m/ sec~14 m/ sec
Working Noise	72 dB
Voltage	AC 220 V, 50 Hz
Dimension	W.46 x D.55 x H.230 mm
Net Weight	0.8 kg
Power Supply	160 W/110 W



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