BioLAB

PRODUCT CATALOG

HOMOGENIZER

CE ISO9001 CERTIFIED

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HOMOGENIZER

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

Biolab Scientific Ltd.
3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
Email: contact@biolabscientific.com | Website: www.biolabscientific.com