



HOMOGENIZER BLHM-901

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The B-170 is a simple, easy to handle and has the ability to achieve quality results quickly. He has the speed and power to emulsify, suspend, cut and chop always to deliver accurate results. It has complete flexibility to hold it by hand, mounted to a pole or wall, with mounting plate or type H.



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
Voltage/ Frequency	220-240V/50-60Hz
Power input/output(W)	120Watt
Speed range (rpm)	1000~35000rpm
Rotor speed (m/sec)	5~10m/sec
Speed Setting	6 speeds
Range (ml, H2O)	0.2~50ml (Shaft B-170/5)
Max viscosity (mPas)	2000mPas
Material	stainless steel PTFE
Weight (kg)	0.6kg
Dimensions (mm)	55mmx46mmx185mm
Noise emission (drive only)	72dB(A)
Operating Environment	0~40°C, 85% rel. humidity
Protection class	IP20
Packing Dimension	-
CBM	-
Net Weight	-
Gross weight	-
Alt Name	Homogenizer

ACCESSORIES FOR PURCHASE

No	Name	Treatable Volume (H2O)(ml)	Max linear velocity (m/sec)	Rotor diameter (mm)	Stator diameter (mm)	Min/max emersion depth (mm)
1	B-170/5	0.2-50	5	4	6	10/55
2	B-170/10	30-150	10	7	10	15/130



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