

# HOMOGENIZER LIH013-170B



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## LIH013-170B 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	LIH013-170B
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	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

# LABSTAC

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