

# HOMOGENIZER LTHMG16-1



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Used in Biotechnology, Pharmaceutical, Chemical, Industrial, Environmental.

## LTHMG16-1 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                 | LTHMG16-1                               |
| 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                               |
| 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                                    |

# LABTARE

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