



HOMOGENIZER BLHM-902

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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-902 |
| 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) | 30~150ml (Shaft B-170/10) |
| 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 | 19*9*15 |
| CBM | 0.05 |
| Net Weight | - |
| Gross weight | 3 |
| 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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