

## Handheld Homogenizer



HMG-H160

### Applications

Designed for rapidly homogenize, emulsify, suspend and disrupt biological samples like tissue of animal, bacteria, yeast, plant samples, etc. in liquids. Ideal for samples from 0.1mL to 250mL depending on shaft chosen.

### Advantage

- Portable, lightweight with ergonomic design ideal for manual operations.
- Processing volumes from 0.1—50mL or 1—250mL.
- Variable speed from 8,000 to 32,000 rpm.
- 316L stainless steel shafts are fully autoclavable.
- Interchangeable shafts for easy dismantling and cleaning.

### Specifications

Model	HMG-H160
Speed range	8000-32000rpm
Max linear velocity	6.3m/sec or 14m/sec
Speed level	10 stage
Working volume [H <sub>2</sub> O]	0.1—50mL (Dispersing shaft DS-160/5) 1—250mL (Dispersing shaft DS-160/10)
Max. viscosity	5,000mPas
Dispersion Head	Optional
Material of Dispersing Shaft	SS 316L stainless steel, PTFE
Noise	72 dB(A)
Protection class	IP20
Power	160W
Motor Type	AC carbon brush motor
Permissible ambient temperature and humidity	0-40 °C, 85%RH
Dimension (W×D×H)(mm)	45 x 55x 190
N.W/G.W (KG)	2.66/3.16
Shipping size (W×D×H)(mm)	470×250×240

