

LABWAN HANDHELD HOMOGENIZER

PRODUCT DESCRIPTION

The LABWAN LHH-160 Handheld Homogenizer is a smart, lightweight handheld instrument designed for fast homogenization, separation, and emulsification. Its working principle involves circulating the sample into a narrow space between the high-speed moving stator and the relative-motion stator, producing high shear to break and homogenize the sample. It is suitable for a wide range of laboratory, research, pharmaceutical, chemical, cosmetic, environmental, and material-processing applications.

FEATURES

- High & adjustable speed
- Lightweight and easy to operate with one hand
- Stainless steel dispersing head of 10 mm
- Easy to take off dispersing head for cleaning
- H-type stand available for hanging

APPLICATIONS & USES

- Bio-pharmaceuticals
- Gene research
- Cell slurring
- Clinicopathologic analysis
- Emulsions
- Nanometer materials scattering
- Polymerization reaction
- Cosmetics
- Ink & paint
- Fine chemical engineering
- Pesticide applications
- Prospection
- Environmental protection
- Energy sources



TECHNICAL SPECIFICATIONS

Parameter	Specification
Product Name	Handheld Homogenizer
Model	LHH-160
Capacity	10–250 ml
Standard Head	10 mm
Maximum Viscosity	5000 MPAS
Speed	5000–30000 rpm
Speed Mode	6 gears
Speed Regulation	Stepless speed regulation
Minimum Processing Capacity	10 ml
Noise	< 50 dB (A)
Protection Class	IP30
Power	160 W
Power Supply	AC 220 V / 50–60 Hz
Dimension (L × W × H)	480 × 275 × 105 mm
Gross Weight	1 kg
HSN	84798200