



Handheld Homogenizer LD-LHHH-A10

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Overview

Handheld Homogenizer LD-LHHH-A10 is a high shear, ultra-fine, dispersing emulsifier (homogenizer) driven by a high-speed imported motor, suitable for a variety of applications across bio-pharma, tissue culture, food processing, and other industries. It offers quick and easy to connect and detach SS316 stainless steel dispersing head for various capacity. The drive host adopts high quality engineering plastics and die-cast aluminium alloy as the body and the operation state is stable. The working head is made of high-quality stainless steel. The safe controlling and adjustment of running speed to modify the experiment at any time as needed ensures effective operation of the experiment.

Features:

- Easy to disassemble high speed drive motor
- Modular structure of the whole machine, efficient and easy operation
- Easy to clean (sterilize) connect and detach working head, several options available for head
- User can select stirring (working) head as per application (working heads are optional)
- Handheld design, portable and lightweight
- Speed adjustment range offered is 8000 to 32000 rpm

Applications:

Widely used for mixing and emulsification of low-to-medium, high-viscosity liquids. It also disperses homogeneous particles and disrupts tissue cells in liquid media across laboratories and testing centres. It Serves Range of Applications across biochemistry, biotechnology, tissue culture industry, pharma industry.

Specifications:

Noise	72 dB(A)
Weight	0.54 kg
Motor Type	160 W; AC Carbon Brush Motor
Bearing Material	PTFE
Protection Class	IP20
Relative Humidity	80%
Speed Control Knob	10 Stage
Work Head Material	SS316L
Ambient Temperature	0 – 40 °C
Dimension (L x W x H)	46 x 55 x 230 mm
Mixing Capacity (H2O)	0.1 – 50 mL

Speed Adjustment Range	8000 to 32000 rpm
Maximum Viscosity Tolerated	5000 mpa.s
Peak linear speed of the rotor	6.3 – 14 m/s