

MICROTUBE HOMOGENIZER LD-LMH-A10



Description

LD-LMH-A10 is a complete solution for sample preparation and cell lyses. It is fast, reliable and gives high throughput to extract DNA, RNA or proteins from plant, animal and human tissue, micro-organism, spore, bone, etc. Micro-tube homogenizer grinds and homogenizes a broad variety of biological samples, it is compatible with DNA-RNA Electrophoresis, Liquid Chromatography and many more analysis.

Application

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.

Features

- For quick disruption of difficult and resistant samples, 3D Rotating High Speed Motion is used.
- Full homogenization often takes place in 35 seconds or less.
- Wide speed range from 4.0 – 7.0 m/s
- Brushless motor reduces motor noise and provides maintenance free operation.
- Easy fixing and removal of sample tube.
- Transparent lid helps monitor the disruption process.
- Ensures no cross contamination and sample degradation.
- Uses disposable tubes.
- Shakes the tubes strongly yet uniformly for an efficient, consistent, high yield and quality output.

Specification

Model no.	LD-LMH-A10
Capacity	24 x 2.0 / 1.5 ml or 12 x 5.0 ml
Speed Range (m/s)	4.0 – 7.0 m/s (increment 0.05 m/s)
Speed Range (rpm)	2430 – 4260 rpm (increment 10 rpm)
Display	OLED
Programmable	Up to 50 programs
No. of Cycles	10
Cycle Time	1 – 90 seconds (increment 1 sec)
Weight	25 kgs
Dimensions (W x D x H)	280 x 360 x 385 mm
Power Supply	AC 100 – 240 V, 50/60 Hz
Noise	< 70 dB