

# *Multi-tube Vortex Mixer*

## *LMVM-A10*



## Multi-tube Vortex Mixer LMVM-A10

Multi-tube Vortex Mixer LMVM-A10 is a LED display digital mixer operated with brushless DC motor and microprocessor controlled technology. It safely holds multiple test tubes and mixes up to 50 samples simultaneously and possess interchangeable foam racks for vortexing tubes from 10 to 29 mm in diameter. Vortexing action is created by securing top vessel in place and bottom support plate to move freely in 4 mm orbit. It has suction cup feet motion that prevents sliding on work surface and so, ideal for high throughput sample processing.

## Features

- Powerful permanent, continuous-duty brushless DC motor delivers quiet, rattle-free mixing
- Hands free vortexing up to 50 samples at once making it more convenient and efficient
- Top plate adjustment along two stainless-steel posts; removable for easy sample access
- Rugged corrosion-resistant, stainless-steel base
- Suction-cup feet dampen motion and prevent sliding
- Support plate moving orbit: 5.3 mm
- Microprocessor-controlled for precise, repeatable results
- LED digital display for speed and time with high accuracy
- Working time range of 1 min to 99 hr 59 min with alarming sound when unit stops
- Timed or continuous-run modes to enhance vortexing action
- Pulsing program can be operated in either mode

## Applications

Large capacity and adaptability makes it an ideal choice for high throughput sample processing of suspensions, genotyping, high throughput DNA and RNA testing in clinical laboratories.

## Specifications

<b>Model No.</b>	<b>LMVM-A10</b>
Shaking speed	500 to 2500 rpm
Orbit	4 mm
Display	LED
Controller type	Digital
Timing range	1 min to 99 hr 59 min
Load bearing capacity	4.5 kg
Duty rating	Continuous
Maximum power consumption	70 W
Power supply	AC 100/200 V, 50/60 Hz
Overall dimensions	410 × 276 × 432 mm
Weight	20 kg

## Standard Accessories

Type	Foam rack size	Test tube size
Foam rack with 15 mm diameter	50 × 15 mm	14 to 17 mm
Foam rack with 29 mm diameter	15 × 29 mm	28 to 32 mm

## Optional Accessories

Type	Foam rack size	Test tube size
Foam rack with 10 mm diameter	50 × 10 mm	9 to 10 mm
Foam rack with 12 mm diameter	50 × 12 mm	11 to 13 mm
Foam rack with 20 mm diameter	50 × 20 mm	18 to 21 mm
Foam rack with 25 mm diameter	15 × 25 mm	24 to 27 mm