



Tube Rotating Mixer

LMRM-A100

Index

Sr.no	Title	Page no
1.	Introduction	2
2.	Features	2
3.	Specifications	2
4.	Applications	2
5.	Operations	3

Tube Rotating Mixer LMRM-A100

1. Introduction

Tube Rotating Mixer LMRM-A100 provides 360° reverse rotation operation mode. It operates efficiently in cold rooms within 5°C to 50°C. It offers continuous or timed working modes for various applications. Equipped with adjustable axis for customizing the mixing angle for optimal performance. Our Tube Rotating Mixer works with wide range of tube sizes for versatility.

2. Features

- Continuous/Timing working mode
- Variable speed
- Adjustable axis
- LED display
- Safe in temperature-controlled environments
- Fully adjustable mixing angle
- Compatible with various tube sizes

3. Specifications

Model No.	LMRM-A100
Operation Method	360 ° Reverse Rotation
Angle of the Plate	38 °
Speed Range	6 to 32 rpm
Clip Quantity	Small Size : 24 pcs;Medium Size : 24 pcs; Large Size : 12 pcs
Running Mode	Timing / Continuous
Plate Diameter	ϕ 300 mm
Ambient Temperature	5 to 50 °C
Permissible Relative Moisture	80 %
Protective Class	IP31
Voltage	AC 100 – 240 V (50 / 60 Hz)
Power	10 W
Dimension	310 x 300 x 420 mm
Weight	4.3 Kg

4. Applications

Tube Rotating Mixer LMRM-A100 are applicable for thorough mixing of samples in various tube sizes across laboratories, research facilities, and industries, ensuring uniformity in chemical reactions, biological processes, and sample preparations within controlled conditions, including cold rooms and incubators.

5. Operations

- 1) Open the package carefully and check for all components, including the equipment and spare parts.
- 2) Inspect the equipment for any visible damage or missing parts before proceeding.
- 3) Place the disc onto the motor, ensuring it is aligned properly.
- 4) Position the screw to aim at the main shaft and secure it firmly in place.
- 5) Use the appropriate tools to tighten the screw, avoid overtightening to prevent damage.
- 6) Verify that the disc is stable and properly fixed to the motor.
- 7) Connect the power line to the equipment, ensuring the correct voltage and polarity.
Note: Check whether all the connections are secure and there are no loose wires.
- 8) Ensure the equipment is placed on a stable and level surface before powering on.
- 9) Test the equipment by turning it on and observing for any unusual sounds or vibrations.
- 10) If any issues arise, power off the equipment immediately and inspect the installation.
- 11) Regularly inspect and maintain the equipment to ensure optimal performance and longevity.



Labmate Scientific Inc

Email: info@labmate.com | Website: www.labmate.com