

TECHNICAL DATA SHEET

ALab™ MX-RD-E Economical Tube Rotator

Effective affordable mixing • 0–80 rpm, speed controlled by scale • continuous operation • 1.5 mL to 50 mL micro tubes



ALab™ MX-RD-E Economical Tube Rotator

The ALab™ MX-RD-E is a laboratory tube rotator for a gentle but effective mixing of biological samples in 1.5 mL to 50 mL micro tubes. Image shown for reference.

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SECTION I

Product Overview

The ALab™ MX-RD-E Economical Tube Rotator offers effective, affordable mixing. Laboratory tube rotators are ideal for biochemistry, molecular biology and clinical applications; the MX-RD-E provides a gentle but effective mixing of biological samples in 1.5 mL to 50 mL micro tubes, used in a variety of applications including immune precipitations, prevention of blood coagulation, latex diagnostics, etc.

The MX-RD-E has an adjustable speed range from 0 to 80 rpm, controlled by a scale, and runs in continuous operation mode. It uses a DC motor. Published electrical specifications are: voltage, frequency, 100–240 V, 50/60 Hz; power, 20 W. Plastic clips for 50 mL, 15 mL and 1.5 mL are used with the MX-RL-E/MX-RD-E disk/rotisserie accessory.

SECTION II

Core Advantages

- **Effective affordable mixing** — gentle but effective mixing of biological samples in 1.5 mL to 50 mL micro tubes
- **Speed controlled by scale** — speed display: scale
- **Immunology & diagnostics** — immune precipitations, prevention of blood coagulation, latex diagnostics
- **Adjustable 0–80 rpm** — adjustable speed range from 0 to 80 rpm; continuous operation
- **Biochemistry to clinical** — ideal for biochemistry, molecular biology and clinical applications
- **Plastic clips** — for 50 mL, 15 mL and 1.5 mL; used with the disk/rotisserie accessory

SECTION III

Specifications

Technical data — MX-RD-E

Specifications	
Brand	ALab™ by ACS Material
Product Name	ALab™ MX-RD-E Economical Tube Rotator
Model	MX-RD-E
SKU #	ALMXRE00
Product Type	Laboratory tube rotator
Motor type	DC motor
Speed range	0–80 rpm
Speed display	Scale
Operation mode	Continuous
Voltage, Frequency	100–240 V, 50/60 Hz
Power	20 W
Dimension [D × W × H]	300 × 220 × 310 mm
Permissible ambient temperature and humidity	5–40 °C, 80% RH
Protection class	IP21

Accessories — MX-RD-E

Accessories	
Accessory	Description
Plastic Clips	Used with MX-RL-E/MX-RD-E disk/rotisserie accessory, for 50 mL, 15 mL and 1.5 mL

Scope of delivery

- **Standard configuration:** one MX-RD-E main unit.
- **Additional accessories:** specify separately in the quotation. The accessory table describes compatible configurations, not the standard packing list.

SECTION IV

Applications

Laboratory tube rotators are ideal for biochemistry, molecular biology and clinical applications. The MX-RD-E provides a gentle but effective mixing of biological samples in 1.5 mL to 50 mL micro tubes, used in a variety of applications including immune precipitations, prevention of blood coagulation, latex diagnostics, etc.

Product value: effective, affordable mixing with an adjustable 0–80 rpm speed range controlled by a scale, continuous operation and a DC motor in a 300 × 220 × 310 mm (D × W × H) instrument. Confirm the tube types against your application requirements before ordering.

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