

TECHNICAL DATA SHEET

ALab™ MX-RL-Pro LCD Digital Horizontal Tube Rotator

LCD digital tube rotator, horizontal · 10–70 rpm · timer 1–1199 min · brushless DC motor · cold rooms or incubators



ALab™ MX-RL-Pro LCD Digital Horizontal Tube Rotator

The ALab™ MX-RL-Pro is an LCD digital horizontal 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-RL-Pro LCD Digital Horizontal Tube Rotator provides gentle but effective rolling and mixing of biological samples in 1.5 mL to 50 mL micro tubes. Laboratory tube rotators are ideal for biochemistry, molecular biology and clinical applications; the MX-RL-Pro is used in a variety of applications including immune precipitations, prevention of blood coagulation, latex diagnostics, etc.

The MX-RL-Pro has an LCD display of speed and time and an adjustable speed range of 10 to 70 rpm. The timer range is 1–1199 min and the operation mode is continuous / timer. It uses a brushless DC motor and can be used in cold rooms or incubators. Published electrical specifications are: voltage, frequency, 100–240 V, 50/60 Hz; power, 40 W. A wide variety of disk accessories and rotisserie accessories is available; the rotisserie accessories for the MX-RL-Pro are listed below.

SECTION II

Core Advantages

- **Gentle but effective rolling** — rolling and mixing of biological samples in 1.5 mL to 50 mL micro tubes
- **Adjustable 10–70 rpm** — adjustable speed range of 10 to 70 rpm
- **Brushless DC motor** — 40 W, 100–240 V, 50/60 Hz
- **LCD speed and time** — LCD displays speed and time; timer 1–1199 min; continuous / timer
- **Cold rooms or incubators** — can be used in cold rooms or incubators
- **Wide variety of accessories** — rotisserie accessories Type-1 to Type-6 for 1.5 mL, 15 mL and 50 mL tubes

SECTION III

Specifications

Technical data — MX-RL-Pro

Specifications	
Brand	ALab™ by ACS Material
Product Name	ALab™ MX-RL-Pro LCD Digital Horizontal Tube Rotator
Model	MX-RL-Pro
SKU #	ALMX0100
Product Type	LCD digital tube rotator, horizontal
Motor type	Brushless DC motor
Speed range	10–70 rpm
Speed display	LCD
Timer display	LCD
Timer	1–1199 min
Operation mode	Continuous / timer
Voltage, Frequency	100–240 V, 50/60 Hz
Power	40 W
Dimension [D × W × H]	220 × 510 × 260 mm
Permissible ambient temperature and humidity	5–40 °C, 80% RH
Protection class	IP21

Accessories — MX-RL-Pro

Accessories		
Model	Cat. No.	Description
Rotisserie Accessory Type-1	18900142	Used for MX-RL-Pro, for 1.5 mL × 48 centrifuge tubes held horizontally
Rotisserie Accessory Type-2	18900143	Used for MX-RL-Pro, for 15 mL × 24 centrifuge tubes held horizontally
Rotisserie Accessory Type-3	18900144	Used for MX-RL-Pro, for 50 mL × 24 centrifuge tubes held horizontally
Rotisserie Accessory Type-4	18900145	Used for MX-RL-Pro, for 1.5 mL × 32 centrifuge tubes held vertically
Rotisserie Accessory Type-5	18900146	Used for MX-RL-Pro, for 15 mL × 16 centrifuge tubes held vertically
Rotisserie Accessory Type-6	18900147	Used for MX-RL-Pro, for 50 mL × 16 centrifuge tubes held vertically

Scope of delivery

- **Standard configuration:** one MX-RL-Pro main unit.
- **Additional accessories:** specify separately in the quotation. The accessory table lists the available rotisserie accessories, not the standard packing list.

SECTION IV

Applications

Laboratory tube rotators are ideal for biochemistry, molecular biology and clinical applications. The MX-RL-Pro 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: gentle but effective rolling and mixing with an LCD display of speed and time, an adjustable 10–70 rpm speed range, a 1–1199 min timer and a brushless DC motor in a 220 × 510 × 260 mm (D × W × H) horizontal instrument that can be used in cold rooms or incubators. Choose the rotisserie accessory that matches your tube type and orientation before ordering.

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