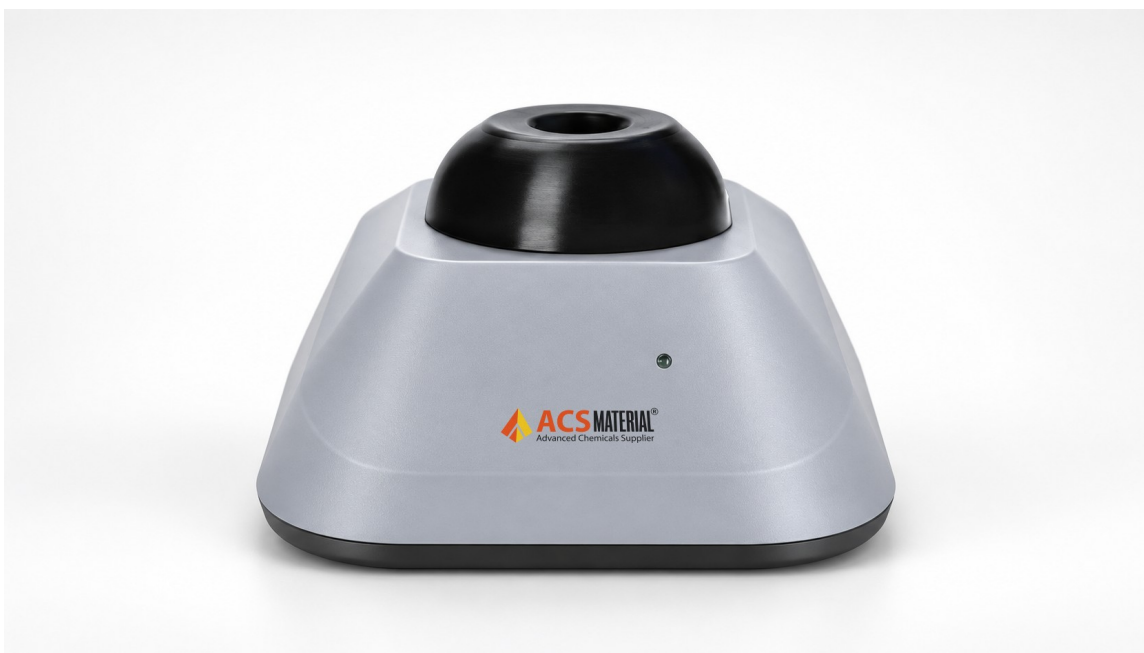


TECHNICAL DATA SHEET

ALab™ MX-E Vortex Mixer

Touch operation · fixed 3000 rpm · orbital motion, 4.8 mm revolving diameter · 12 V DC brushless motor · 0.6 kg



ALab™ MX-E Vortex Mixer

The ALab™ MX-E is an economic vortex mixer with touch operation for rapidly mixing small samples of liquids. Image shown for reference.

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SECTION I

Product Overview

The ALab™ MX-E Vortex Mixer is an economic vortex mixer used to rapidly mix small samples of liquids for lab research or other work, such as mixing nail polish, gel polish, eyelash adhesives, acrylic paint, tattoo ink, and so on. It is compact, portable, and fits nicely on a bench-top, and its foot pad design secures the mixer in place so it does not wobble during operation.

The MX-E runs at a fixed 3000 rpm with an orbital mixing motion and a 4.8 mm revolving diameter; the operating mode is touch operation. The MX-E uses a powerful and efficient 12 V DC brushless motor for smooth operation and a long life (motor rating output 10 W). Published electrical specifications are: voltage, 100–240 V; frequency, 50/60 Hz; power, 12 W.

SECTION II

Core Advantages

- **Touch operation** — fixed speed of 3,000 rpm for rapid mixing of samples
- **12 V DC brushless motor** — powerful and efficient, smooth operation and long life; motor rating output 10 W
- **Compact and portable** — fits nicely on a bench-top; 133 × 133 × 80 mm, 0.6 kg
- **Orbital mixing, 4.8 mm** — orbital mixing motion with a 4.8 mm revolving diameter
- **Foot pad design** — secures the mixer in place; does not wobble during operation
- **Lab samples and more** — small liquid samples for lab research, nail polish, gel polish, eyelash adhesives, acrylic paint, tattoo ink

SECTION III

Specifications

Technical data — MX-E

Specifications	
Brand	ALab™ by ACS Material
Product Name	ALab™ MX-E Vortex Mixer
Model	MX-E
SKU #	ALMXE000
Product Type	Economic vortex mixer
Motor	12 V DC brushless motor
Voltage	100–240 V
Frequency	50/60 Hz
Power	12 W
Mixing motion	Orbital
Revolving diameter	4.8 mm
Motor rating output	10 W
Rotational speed	3000 rpm
Operating mode	Touch operation
External dimension	133 × 133 × 80 mm
Dimension of packing box	250 × 185 × 130 mm
Weight	0.6 kg
Permissible ambient temperature	5–40 °C
Permissible relative humidity	≤80% RH
Protection class	IP21

Scope of delivery

- **Standard configuration:** one MX-E main unit.
- **Additional items:** specify separately in the quotation.

SECTION IV

Applications

Used to rapidly mix small samples of liquids for lab research or other work, such as mixing nail polish, gel polish, eyelash adhesives, acrylic paint, tattoo ink, and so on.

Product value: touch operation at a fixed 3000 rpm, an orbital motion with a 4.8 mm revolving diameter, and a 12 V DC brushless motor in a compact 133 × 133 × 80 mm, 0.6 kg instrument. Confirm the vessel types against your application requirements before ordering.

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