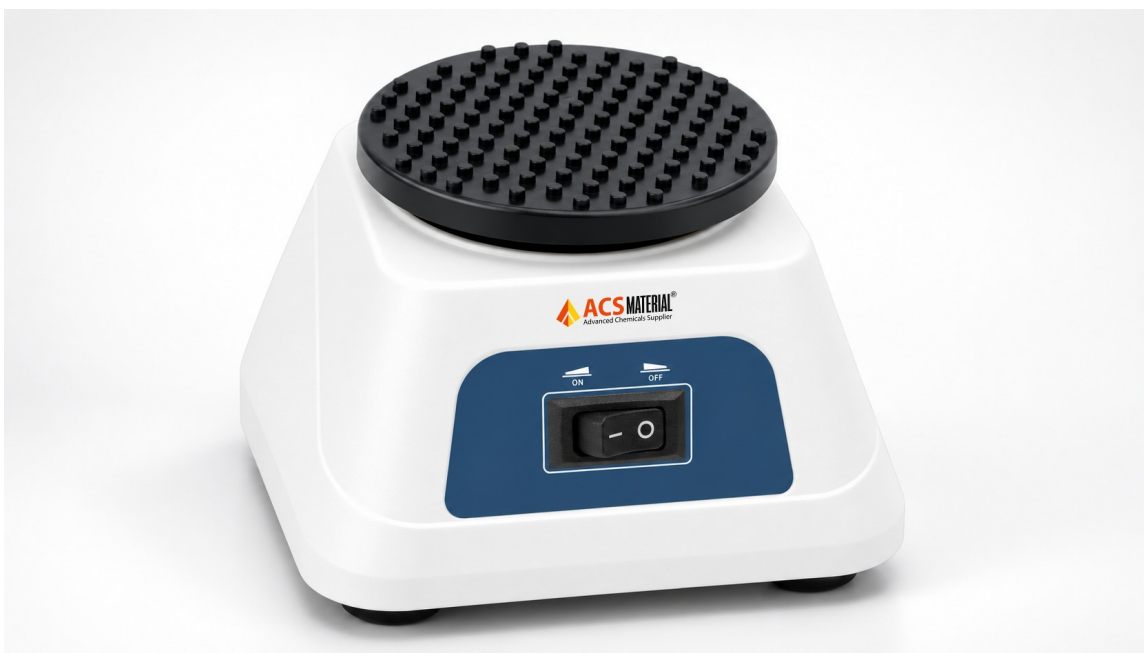


TECHNICAL DATA SHEET

ALab™ VM25 & VM25D Vortex Mixer

VM25 · VM25D · orbital mixing motion · 4 mm orbital diameter · 30 W



ALab™ VM25 & VM25D Vortex Mixer

The ALab™ VM25 & VM25D Vortex Mixer (VM25 shown). Image shown for reference.

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SECTION I

Product Overview

The ALab™ VM25 & VM25D Vortex Mixer is available as the VM25 and the VM25D. The vortex mixer is widely used in experiments related to biochemistry, genetic engineering, radioimmunology, and other fields that involve liquid-liquid, liquid-solid, and solid-solid (powder) mixing. It is capable of rapidly mixing any required liquids or powders in a high-speed vortex-like motion.

Function: mixing/oscillation/stirring. Speed: VM25 2800 rpm; VM25D low range 1300 rpm, high range 2800 rpm. Both models have an orbital mixing motion, a 4 mm orbital diameter, a continuous run type and a power of 30 W; voltage, frequency: 100–120 VAC, 50/60 Hz and 200–240 VAC, 50/60 Hz. Adapter: platform shaker (VM25); platform shaker/Microplate clamp (VM25D).

SECTION II

Core Advantages

- **Simple and reliable structure** — compact instrument size, low power consumption and low noise
- **Fast, uniform and thorough mixing** — liquids or powders in a high-speed vortex-like motion
- **Orbital motion, 4 mm** — orbital diameter 4 mm and orbital mixing motion in both models
- **Stable operation** — low rotational speed deviation and long service life
- **Low-speed stability, high-speed strength** — VM25: 2800 rpm; VM25D: low range 1300 rpm, high range 2800 rpm
- **Continuous run type, 30 W** — both models; 100–120 VAC and 200–240 VAC, 50/60 Hz

SECTION III

Specifications

Technical data — VM25 · VM25D

Specifications		
Brand	ALab™ by ACS Material	
Product Name	ALab™ VM25 & VM25D Vortex Mixer	
Series (Parent SKU)	ALVM25G0	
Product Type	Vortex mixer	
Model	VM25	VM25D
SKU #	ALVM2500	ALVM25D0
Function	Mixing/Oscillation/Stirring	
Speed	2800 rpm	Low range: 1300 rpm High range: 2800 rpm
Orbital diameter	4 mm	4 mm
Mixing motion	Orbital	Orbital
Adapter	Platform shaker	Platform shaker/Microplate clamp
Run type	Continuous	Continuous
Power	30 W	30 W
Voltage, Frequency	100–120 VAC, 50/60 Hz 200–240 VAC, 50/60 Hz	100–120 VAC, 50/60 Hz 200–240 VAC, 50/60 Hz

Scope of delivery

- **Standard configuration:** one main unit of the selected model (VM25 or VM25D).
- **Additional accessories:** specify separately in the quotation. Final accessories and scope of supply are confirmed on the quotation.

SECTION IV

Applications

The vortex mixer is widely used in experiments related to biochemistry, genetic engineering, radioimmunology, and other fields that involve liquid-liquid, liquid-solid, and solid-solid (powder) mixing. It is capable of rapidly mixing any required liquids or powders in a high-speed vortex-like motion.

Product value: a vortex mixer with an orbital mixing motion and a 4 mm orbital diameter in two models — VM25 (2800 rpm) and VM25D (low range 1300 rpm, high range 2800 rpm) — with a continuous run type and a power of 30 W. Confirm the selected model and its adapter (platform shaker; platform shaker/Microplate clamp for the VM25D) before ordering.

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