

Vortex Mixers

◆ Description

Vortex mixers are essential research lab instruments used for mixing & stirring in a variety of applications. Our strict quality control and manufacturing processes ensure every silentshaker® vortex mixer is precise, accurate and easy to use. These mixers conform to international design specifications and safety regulations to protect the user and environment.

◆ Features

- ☐ Ergonomically designed.
- ☐ Brushless DC motor drive for long life.
- ☐ Three operation modes: touch control, timed, or continuous mode.
- ☐ Constant torque within full range of speed.
- ☐ Counter balance design for minimal body vibration.
- ☐ Universal Head for a wide variety of mixing applications.

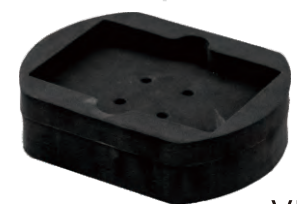


VMA06

Use with 96-Well Microplate.



VMA09



VMA07



VMA03



Vortex Mixer with Digital Timer and Analog Speed **VM-01UA**
(Previous Model HYQ-3110A)



Vortex Mixer with Digital Timer & Speed **VM-02UA**
(Previous Model HYQ-3111A)




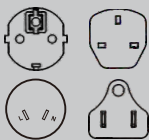

Mixers

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◆ Specifications

Name	Vortex Mixer with Digital Timer and Analog Speed Adj.		Vortex Mixer with Digital Timer & Speed
Model	VM-01UA (Previous Model HYQ-3110A)		VM-02UA (Previous Model HYQ-3111A)
For regions other than North America, check the model number in the " Order Information Table "			
Operation Mode	Touch Control Timed or Continuous Run		
Orbital Diameter	Ø4.5mm (Ø0.18")		
Speed	0~3000rpm	200~3000rpm	
Speed Accuracy	±10%		
Timer	1~999min		
Platform Dimension	Φ76mm (2.99")		
Max. Load	0.5kg (1.1lb)		
Speed Display	N/A	LED	
Timing Display	LED		
Accessories included in Standard Packaging	1xVMA01		
Ambient Temperature	5°C~40°C		
Relative Humidity	≤80%		
Power Supply	AC100~240V, 50Hz / 60Hz		
Max. Power	24W		
Dimensions (LxWxH)	205x155x108mm (8.07x4.53x4.25")		
Net. Weight	4kg (8.82 lb)		
Protection Level	IP21		
Certifications	NA		

◆ Order Information Table

Order Model	Power Supply	Plug Type
VM-01UA	AC100-240V, 50 / 60Hz	US 
VM-02UA		
VM-01UW		Eur, UK, AU, US 
VM-02UW		
VM-01USA		SA 
VM-02USA		

◆ Accessories

Part Number	Name	Description
VMA01	Single Tube Head	This standard platform head features a concave design for easy single tube stirring.
VMA02	Adaptor	Used with VMA04, VMA05.
VMA03	Shim Clamps	Used with VMA07, VMA08 and VMA09.
VMA04	12mm Tube Holder	Used with Adaptor (VMA02). Holds 7x12mm (0.47") tubes.
VMA05	Customizable Tube Blank	Used with Adaptor (VMA02). Holes can be drilled by the customer for custom applications.
VMA06	SBS Standard Microplate Holder Head	Used instead of standard head. Holds a single microplate.
VMA07	SBS Standard Elisa Plate Holder	Mounted on Shim Clamps (VMA03) to hold Elisa Plate.
VMA08	Combination Tube Holder	Mounted on Shim Clamps (VMA03); Used for 1.5 / 2.0ml, 5 / 7ml, and 10 / 15ml tube.
VMA09	PCR Tube/Plate Holder	Mounted on SBS Standard Elisa Plate Holder (VMA07); Used for PCR Tubes, Strips and Plates.



Note: Customized tube holders are available according to customer's specification.