

Vortex Mixers

Vortex Mixer with Digital Controlled
Timer and Speed



VM-02U (Previous Model HYQ-3111)

Vortex Mixer with Digitally Controlled Timer
and Analog Adjustable Speed



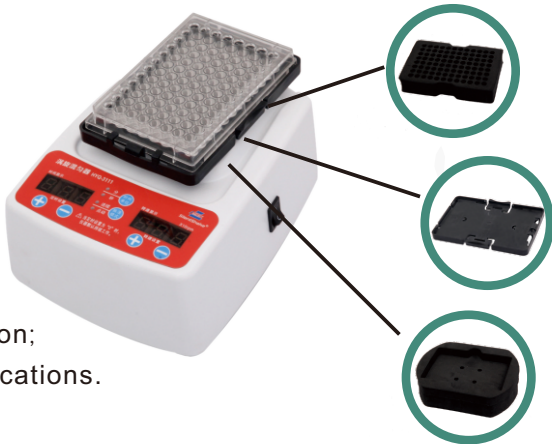
VM-01U (Previous Model HYQ-3110)

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.



Specifications

Model	VM-01U (Previous Model HYQ-3110)	VM-02U (Previous Model HYQ-3111)
Product Name	Vortex Mixer with Digital Controlled Timer and Analog Adjusted Speed	Vortex Mixer with Digitally Controlled Timer and Speed
Operation Mode	Touch control Timed or Continuous Run	
Orbital Diameter	Circular Orbit, 4.5mm Dia.	
Stirring Speed	200~3000rpm	
Platform Dimension	Φ76mm	
Speed Display	N/A	LED
Timing Display	LED	
Ambient Temperature	5°C~45°C	
Relative Humidity	<80%	
Max.Load	0.5Kg	
Max.Power	24W	
Power Supply	AC100~240V / 50Hz~60Hz	
Weight	4Kg	
Accessories in Standard Package	Head for Single Tube VMA01(HYQF-1)	
Dimensions	108x155x105mm	

Accessories

Part Number (Previous Part Number)	Name	Description	Picture
VMA01 (HYQF-1)	Single Tube Head	This standard platform head features a concave design for easy single tube stirring.	
VMA04 (HYQF-4)	12mm Tube Holder	Used with Adaptor (HYQF-2). Holds 7x12mm tubes.	
VMA05 (HYQF-6)	Customizable Tube Blank	Used with Adaptor (HYQF-2). Holes can be drilled by the customer for custom applications.	
VMA02 (HYQF-2)	Adaptor	Used with HYQF-4, HYQF-6.	
VMA06 (HYQF-7)	Microplate Holder Head	Used instead of standard head. Holds a single microplate.	
VMA03 (HYQF-3)	Shim Clamps	Used with HYQF-13, HYQF-14 and HYQF-15.	
VMA07 (HYQF-13)	Elisa Plate Holder	Mounted on Shim Clamps (HYQF-3) to hold Elisa Plate.	
VMA08 (HYQF-14)	Combination Tube Holder	Mounted on Shim Clamps (HYQF-3); Used for 1.5l/2.0ml, 5/7ml, and 10/15ml tube.	
VMA09 (HYQF-15)	PCR Tube/Plate Holder	Mounted on Shim Clamps (HYQF-3); Used for PCR Tubes, Strips and Plates.	

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