



Vortex Mixer

More convenient and useful functions Vortex Mixer Developed with Lab Companion's Proprietary Technology

- > **Touch vortex function maximizes convenience**
No matter where you touch the top of the platform, it's very easy to use with fast vortex formation.
- > **Patented touch switch method**
Stable and sensitive Touch vortex using touch switch connected to top plate.
(patent registered: 10-1678161)
- > **Low height to minimize burden on the wrist**
The structure minimizes the burden on the wrist during repeated use due to its low height.
- > **Structure to maintain stability at high speeds**
The low-profile design and rubber feet make for slip-free operation of the equipment.
- > **Multiple tubes can be combined simultaneously**
Multiple vortex tubes can be used simultaneously to reduce the required time for efficient testing.
- > **Offers use environment of diverse tube shapes and capacities**
Most tubes such as centrifuge tubes, conical tubes, and test tubes can be used in Touch mode.
- > **Powerful and fast vortex formation**
Runs up to 3,000 rpm for reliable and strong sample mixing.
- > **Proven structural excellence**
BLDC motor with excellent durability.
Structure allows for low noise and low vibration even at 3,000rpm.



Rapid vortex formation even touching anywhere on top plate.



Available to handle the several tubes at the same time.



Available in various shapes.



Diverse vortex mixing in one device with optimized configuration can be used for various experiments

> Variety of convenient accessories

Tube holder accessories up to Ø25mm.
Convenient use with easily interchangeable structure.

> Includes microplate shaking function

Dedicated tray and stable speed adjustment function for optimum microplate mixing.

> Intuitive and convenient operation

Selects operation mode easily and intuitive speed control knobs.

> Safety features for protection of equipment

In case excessive pressure is applied to the top plate, operation is temporarily stopped to protect the equipment.

> Selectable operation mode according to application

Rapid vortex formation with touch mode when needed.
Run-L/H mode provides stable continuous mixing environment.

- ① **Touch mode (touch operation, Max. 3,000rpm)**
Rapid vortex formation with touch mode when needed.
Run-L/H mode provides stable continuous mixing environment.
- ② **Run-L mode (continuous operation, Max. 1,500rpm)**
Low speed mode to prevent contamination between samples.
Stable and continuous mixing. (except for VM-T model)
- ③ **Run-H mode (continuous operation, Max. 3,000rpm)**
Strong and continuous vortex formation up to 3,000rpm with excellent durability.

※ Some of the above contents are limited to specific models.



Various accessories provided according to the sample.



Easy attachment and detachment.



Low-profile design and non-slip feet for stability at high speeds.

Vortex Mixer



True vortex mixing with innovative touch



VM-96A



VM-96T
(Persian Blue)



VM-96T
(Orange)



Specification

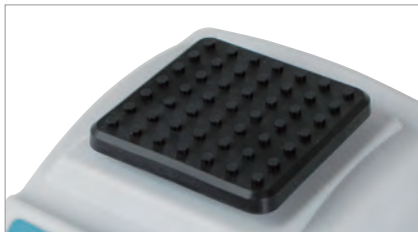
Model		VM-96A	VM-96T	
Control	Speed range (rpm)	Max. 3000	Max. 3000	
	Speed control	Scale	Scale	
	Operating mode	Touch, Run-L, Run-H	Touch, Run	
	Motion	Orbital	Orbital	
	Orbit (dia., mm / inch)	4 / 0.16	4 / 0.16	
Material	Platform	Silicone	Silicone	
	Body	Polypropylene	Polypropylene	
	Motor type	BLDC (Brushless Direct Current)	BLDC (Brushless Direct Current)	
Dimensions	Platform (W x D, mm / inch)	76 x 76 / 3 x 3	76 x 76 / 3 x 3	
	Exterior (W x D x H, mm / inch)	154 x 210 x 84 / 6.1 x 8.3 x 3.3	148 x 159 x 77 / 5.8 x 6.3 x 3	
	Net weight (kg / lbs)	3.0 / 6.6	2.6 / 5.7	
Protection class (DIN EN 60529)		IP 42	-	
Electrical requirements		AC 100V to 240V, 50/60Hz, 1.5A		
Cat. No.	KR plug	AAH360215K	Persian blue	Orange
			AAH361215BK	AAH361215RK
	US plug	AAH360215U	Persian blue	Orange
			AAH361215BU	AAH361215RU



Accessories for Vortex Mixer



Platform (pop-off)



Platform (standard)
Included as standard on equipment purchase



Microplate Tray



Cat. No.	Description
00VMS0000063	Platform (Pop-off)
00VMS0000058	Platform (standard)
00VMS000008JT	Microplate tray
AAA36520	Tube holder (up to Φ 50 mm)
AAA36521	Tube holder (Φ 10 mm x 16ea)
AAA36522	Tube holder (Φ 12 mm x 9ea)
AAA36523	Tube holder (Φ 15 mm x 9ea)
AAA36524	Tube holder (Φ 20 mm x 5ea)
AAA36525	Tube holder (Φ 25 mm x 4ea)
AAA36526	Tube holder (Φ 8 mm x 18ea & Φ 10 mm x 28ea)

