

# Vortex

Cat No: VMS-M-3000

**MOLEQULE-ON**<sup>®</sup>



## Description

The new MOLEQULE-ON All-In-One vortex mixer designed for a range of samples that will be conveniently shaken either gently or vigorously. Its unique head makes it a versatile device capable of holding a variety of tubes. The vortex has enough flexibility to perform the standard tasks that a vortex mixer is required to perform, plus it has the ability to hold a variety of tubes, containers, and microplates all within one mixing head design. The variable touch and continuous operation modes allow user to mix the content of sample as per experiment requirement.

## Features

- Compact design.
- Four pre-set positions with 3 speed controls (OFF, 1000, 2000 and 3000 rpm).
- 0.2 ml to 50 ml tubes can be hold for shaken on a single head.
- Three position slider power switch (Top = Intermittent/touch, Center = OFF, Bottom = Continuous ON).
- Weighted base with elastomeric feet to prevent movement and provide vibration dampening and stability while in operation.

## Mixing Head

The dynamic mixing head of Vortex can hold seven different sizes of tubes including standard assay plate.

- a. Center pad area for hand held mixing
- b. Assay plate x 1 (to be used with retention cords)
- c. 50 ml conical tubes x 2 (horizontally mounted)
- d. 15 ml conical tubes x 2 (horizontally mounted)
- e. 5 ml tubes x 2 (horizontally mounted)
- f. 1.5/2 ml microfuge tubes x 4 (vertically mounted)
- g. 0.5 ml microfuge tubes x 6 (vertically mounted)
- h. 0.2 ml microfuge tubes (strip tubes) x 24 (vertically mounted)

## Specifications

Voltage [VAC]	110-120/220-230
Frequency [Hz]	50/60
Power [W]	60
Mixing motion	Orbital
Orbital diameter [mm]	3.7
Permissible on time [%]	50
Speed range [rpm]	From 1000 to 3000 rpm – shaking to vortexing
Run type	Continuous/ touch operation
Dimensions [W×H×D mm]	171×197×190
Weight [kg]	3.93
Permissible ambient temperature (°C)	2-40
Permissible relative humidity	95%