

**INTRODUCING ZERO COMPROMISE MODELS**

- BRUSHLESS
- ECONOMICAL



The Multi-Tube Vortexer is designed for mechanical and chemical cell lysis, mixing suspensions, and general sample agitation. This vortex mixer gives a distinctly different motion than shaking a sample. With vortexing, greater shearing forces are placed on materials in the bottom of a tube, thus promoting either disruption or solubility. The Multi-Tube Vortex mixer is a tool to provide that extra degree of mixing, however it accommodates full racks of tubes or microwell plates, vials or cylinder as opposed to single tubes. Consequently, this unit is useful for higher throughout mixing of samples. These vortexers are designed to hold the multiple test tubes, vials, or cylinders. The vortexing action is created by securing the top of the vessel in place while allowing the bottom to move freely in a defined 3.6mm eccentric orbit. Two posts hold support plate securely in place for a quite, rattle-free mixing. Support plate is easily adjusted by loosening knobs and lifting plate up and down. The circular groove around the top of the taller post allows the support plate to swing away from tray for easy removal of samples. The suction-cup feet dampen motion and prevent sliding on work surface. Equipped with a powerful, permanent magnet motor with sealed ball bearings.

**Features:**

**Microprocessor Control:**

The variable speed microprocessor control provides consistent uniform mixing action

**LCD Display:**

Touch pad controls with easy-to-read, independent LCD displays for speed and time allow operator to view both settings at once. Provides repeatable and accurate results every time and is easily visible across lab benches. Timer will display elapsed time or, when programmed to user defined limit, will shut off unit when time reaches zero. Display will show last used settings, even after power has been turned off.

**Pulsing Mode:**

Programmable pulsing mode allows user to adjust the pulse-on and pulse-off times between 1 and 59 seconds in 1 second intervals. This feature enhances the vortex action by creating a more vigorous mix

Technical Data	
Specifications	VM-100
Speed Range*	500 to 2500
Timer	1 sec to 160 Hrs.
Orbit	3.6 mm
Maximum Weight Capacity	24 x 15 ml
Duty Rating	Continuous
Tray Dimensions (L x W) mm	313 x 180
Overall Dimensions (W x D x H)mm	400 x 325 x 430

Supply: 220-240 Volts 50 Hz Single Phase.

\* Maximum speed will vary depending on load