

# Multi-Tube Vortex Mixers



Multi-Tube Vortexers are ideal for high throughput sample processing. Interchangeable foam racks for vortexing tubes from 10 to 29 mm in diameter available. Vortexing action is created by securing the top of the sample in place while allowing the bottom to rotate freely in a 3.6 mm orbit. Suction cup feet reduce motion and prevent sliding on work surface. Analog & digital models, both microprocessor-controlled and run in continuous or timed mode.

- Digital Models Ideal for Applications that Require Accuracy and Repeatability
- Pulsing Mode on Digital Models to Enhance Vortexing Action
- Analog Model Offers an Economical Alternative When Exact Speed/Time Not Required

## Multi-Tube Vortex Mixers

- Process up to 50 samples at a time
- Continuous or timed operation
- Includes foam rack for 12 mm tubes

Conveniently angled front panel features rocker switch for run, time and standby modes.

### Operating Features:

One piece, stainless steel housing design optimizes clean-ups. Ideal for applications requiring accuracy and repeatability. The stainless steel one piece housing design is conducive to keeping your vortexer clean and free from contaminants.

**Microprocessor Control:** The variable speed microprocessor control provides consistent uniform mixing action.

**Adjustment Knobs:** Basic speed and time knobs with 1 to 10 dial markings.

### Operating Conditions:

Unit can be run in conditions from 4 to 40°C (39 to 104°F), 20% to 85% relative humidity, non-condensing.

### Applications:

Suspensions, high throughput testing in clinical, environmental, and chemistry labs.

### Ordering Information:

Unit includes a detachable, 3-wire cord and plug. Unit is also supplied with a Tray Pad Set for support and one 12 mm Test Tube Foam Rack (30400239). Additional accessories can be found on page 64.



Specifications	
Speed Range*	1200 to 2400 rpm
Timer	0 to 60 seconds
Orbit	3.6 mm (0.14")
Maximum Weight Capacity	10 lbs (4.5 kg)
Duty Rating	Continuous duty
Tray Dimensions (L x W)	7.25 x 12.25" (18.4 x 31.1 cm)
Overall Dimensions (L x W x H)	9.5 x 15.1 x 16" (24.1 x 38.4 x 40.6 cm)
Ship Weight	42 lbs (19.1 kg)

\* Maximum speed will vary depending on load.

Description	Model	Item Number
Analog Multi-Tube Vortexer	VXMTAL	30392164

# Vortex Mixers

## Multi-Tube Vortex Mixers

- Process up to 50 samples at a time
- LED displays for speed and time
- Pulsing mode

Ideal for applications requiring accuracy and repeatability.

### Operating Features:

One piece, stainless steel housing design optimizes clean-ups. Ideal for applications requiring accuracy and repeatability. The stainless steel one piece housing design is conducive to keeping your vortexer clean and free from contaminants.

**Microprocessor Control:** The variable speed microprocessor control provides consistent uniform mixing action.

**LED Display:** Touch pad controls with easy-to-read, independent LED 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.

### Operating Conditions:

Unit can be run in conditions from 4 to 40°C (39 to 104°F), 20% to 85% relative humidity, non-condensing.

### Applications:

Suspensions, high throughput testing in clinical, environmental, and chemistry labs.

### Ordering Information:

Unit includes a detachable, 3-wire cord and plug. Unit is also supplied with a Tray Pad Set for support and one 12 mm Test Tube Foam Rack (30400239). Additional accessories can be found on page 64.



Specifications	
Speed Range*	500 to 2500 rpm
Speed Accuracy	± 25 rpm
Timer	1 second to 160 hours
Orbit	3.6 mm (0.14")
Maximum Weight Capacity	10 lbs (4.5 kg)
Duty Rating	Continuous duty
Tray Dimensions (L x W)	7.25 x 12.25" (18.4 x 31.1 cm)
Overall Dimensions (L x W x H)	9.5 x 15.1 x 16" (24.1 x 38.4 x 40.6 cm)
Ship Weight	42 lbs (19.1 kg)

\* Maximum speed will vary depending on load.

Description	Model	Item Number
Digital Multi-Tube Vortexer	VXMTDG	30392171

## Multi-Tube Vortexer Accessories

### Foam Test Tube Racks

Description	Tube Capacity	Color	Dimensions (L x W x H)	Item Number
10 mm Test Tube Foam Rack	50	Gray	5.5 x 9.5 x 2" (14 x 24.1 x 5.1 cm)	30400238
12 mm Test Tube Foam Rack	50	Blue	5.5 x 9.5 x 2" (14 x 24.1 x 5.1 cm)	30400239
13 mm Test Tube Foam Rack	50	Yellow	5.5 x 9.5 x 2" (14 x 24.1 x 5.1 cm)	30400240
16 mm Test Tube Foam Rack (for 15 mL centrifuge tubes)	50	Green	5.5 x 9.5 x 2" (14 x 24.1 x 5.1 cm)	30400241
25 mm Test Tube Foam Rack	28	White	5.5 x 9.5 x 2" (14 x 24.1 x 5.1 cm)	30400243
29 mm Test Tube Foam Rack (for 50 mL centrifuge tubes)	15	Red	5.5 x 9.5 x 2" (14 x 24.1 x 5.1 cm)	30400242
Replacement Tray Pad Set (upper & lower)	N/A	Gray	7 x 12 x 1" (17.8 x 30.5 x 2.5 cm)	30400245



### Post Extension Kit

Adds 6" (15.2 cm) to the post of the Multi-Tube Vortex Mixer to accommodate tubes up to 10" (25.4 cm) tall.

Description	Item Number
Post Extension Kit	30400244

