



# Multi-Tube Vortex Mixers



## *Improve Efficiency by Processing up to 50 Samples at a Time*

Multi-Tube Vortexers are ideal for high throughput sample processing. Interchangeable foam racks for vortexing tubes from 10 to 29 mm in diameter are 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 and digital models are both microprocessor-controlled and run in continuous or timed mode.

### *Standard Features:*

- **Digital Models Ideal for Applications that Require Accuracy and Repeatability.**  
Digital models feature touchpad control for easy input of settings, and independent LED displays for speed/time. Timer displays elapsed time and when programmed, shuts off unit when time reaches zero.
- **Pulsing Mode on Digital Models to Enhance Vortexing Action**  
Digital models feature a programmable pulse mode which allows the user to adjust the pulse-on/pulse-off times between 1-59 sec intervals, enhancing the vortex action by creating a more vigorous mix.
- **Analog Model Offers an Economical Alternative When Exact Speed/Time Not Required**  
The variable speed microprocessor control provides consistent uniform mixing action. Basic speed and time settings are adjusted with knobs using 1 to 10 dial settings.
- **One-Piece Stainless Steel Housing Design Optimizes Clean-Ups**  
All models feature a one piece, stainless steel housing and are ideal for use in clean rooms and any work where clean-up is critical.

# Multi-Tube Vortex Mixers

Model	VXMTAL	VXMTDG
Control	Analog	Digital
Speed Range	1200 rpm – 2400 rpm	500 rpm – 2500 rpm
Orbit	3.6 mm	
Duty Rating	Continuous	
Capacity	4.5 kg	
Working Environment	4 °C – 40 °C, 20% – 85% Relative humidity, non-condensing	
Power	230V, 1A, 50/60Hz	
Power Consumption	100 W	
Tray Dimensions (L × W)	7.25 × 12.25 in. / 184 × 311 mm	
Dimensions (W × L × H)	384 × 241 × 406 mm	
Net Weight	20.3 kg	

## Other Standard Features and Equipment

Detachable 3-wire cord and plug (included), stainless steel housing, foam rack for (50) 12 mm diameter tubes (included), interchangeable foam racks for vortexing tubes from 10–29 mm in diameter (ordered separately)

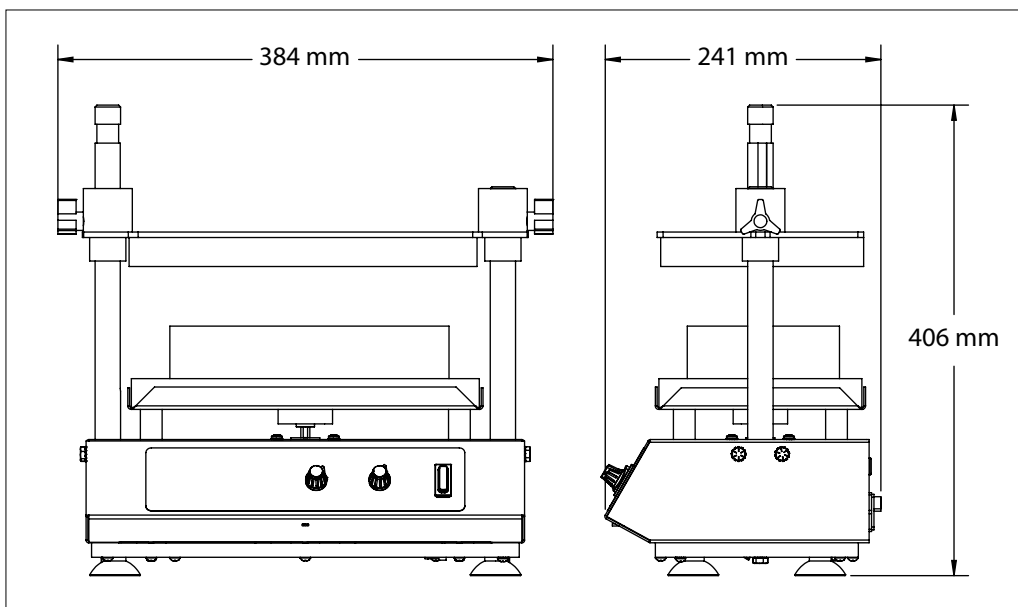
## Compliance

- **Product Safety:** EN 61010-1, EN 61010-2-051
- **Electromagnetic Compatibility:** EN 61326-1 Class A, Industrial Environments
- **Compliance Marks:** CE; RCM; TÜV SÜD

## Accessories

10 mm Tube Rack (Gray) 50 Tube Capacity . . . .30400238  
 12 mm Tube Rack (Blue) 50 Tube Capacity . . . .30400239  
 13 mm Tube Rack (Yellow) 50 Tube Capacity . .30400240  
 16 mm Tube Rack (Green) 50 Tube Capacity . .30400241  
 50 mL Tube Rack (Red) 15 Tube Capacity . . . .30400242  
 25 mm Tube Rack (White) 28 Tube Capacity . .30400243  
 Post Extension Kit . . . . .30400244  
 Tray Pad Set - Top And Bottom. . . . .30400245

## Dimensions



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*The management system governing the manufacture of this product is ISO 9001:2015 certified.*

SAP Literature #

