



# Mini Vortex Mixers



**JOINTLAB**  
European Laboratory Equipment

[www.jointlab.com](http://www.jointlab.com)  
[www.frigolab.it](http://www.frigolab.it)

Via C. Treves 57, Trezzano sul Naviglio  
Milano, Italy  
+39.02.39310823  
[info@jointlab.com](mailto:info@jointlab.com)



## ***Built Sturdy to Provide Stable and Reliable Vortexing Action***

Four Mini Vortex Mixer models for gentle to high-speed mixing are available. Analog model offers variable speed control, and digital model allows input of the exact speed and time to achieve reproducible results. Pulsing model features a unique pulse action that reduces heat generation, while providing more effective mixing and cell disruption. Fixed speed model offers one-touch, high-speed mixing.

### ***Standard Features:***

- **Select from Two Modes of Operation—Touch or Continuous**

Available as analog and digital models with a rocker switch to select from two modes—Touch mode which activates mixing when depressing the cup head or Continuous mode when using accessory attachments.

- **Variable Speed Models Offer Low RPM Start Up to High-Speed Mixing**

Analog and digital models offer speed control from low RPM start up for gentle shaking to high-speed mixing for vigorous vortexing of samples (analog: 300 to 2500 rpm and digital: 500 to 2500 rpm).

- **Fixed Speed Models Provide Full RPM for Vigorous Mixing**

Fixed speed vortex mixers start mixing when the cup head is depressed. Ideal for mixing samples when a variable speed is not needed. Speed is a full 2500 rpm to provide vigorous mixing of samples.

# Mini Vortex Mixers

Model	VXMNFS	VXMNAL	VXMNDG	VXMNPS
Control	Fixed Speed	Analog	Digital	Pulsing, digital
Speed Range	2800 rpm	300 rpm – 2800 rpm	500 rpm – 2800 rpm	
Orbit	4.9 mm			2.5 mm
Duty Rating	Intermittent			
Working Environment	39 °F – 104 °F, 20% – 85% relative humidity, non-condensing			
Power	230V, 0.6A, 50/60Hz			
Power Consumption	135 W			
Dimensions (W × L × H)	123 × 210 × 165 mm			
Net Weight	4.4 kg			

## Other Standard Features and Equipment

Detachable 3-wire cord and plug, cup head and 7.6 cm accessory platform for beakers, flasks, test tubes etc. (included with all models), stainless steel microtube holder for 12 tubes (included with pulsing model only).

## 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

Item No.	Description	VXMNFS	VXMNAL	VXMNDG	VXMNPS
30400235	Cup Head	•	•	•	•
30400236	7.6 cm Head	•	•	•	•
30400237	7.6 cm Rubber Head Cover	•	•	•	•
30400196	8 cm Head with Rubber Cover	•	•	•	•
30400197	Tube Holder Kit with Retainer	N/A	•	•	•
30400198	Micro Tube and Well Plate Holder Kit	N/A	•	•	•
30400199	Micro Well Plate Kit with Retainer	N/A	•	•	•
30400200	Microtube Kit with Retainer	N/A	•	•	•
30400201	Foam Insert Variety Pack	N/A	•	•	•
30400202	Single Tube Holder	N/A	•	•	•
30400203	Single Tube Holder Adapter Vortex Genie	N/A	•	•	•
30400204	0.5 mL Micro-Tube Holder	N/A	•	•	•
30400205	1.5-2.0 mL Micro-Tube Holder	N/A	•	•	•
30400206	1.5-2.0 mL Stainless Steel Tube Holder	N/A	•	•	•
30400207	Ampule Tube Holder - Small (15-17 mm)	N/A	•	•	•
30400208	Ampule Tube Holder - Large (10-17 mm)	N/A	•	•	•
30400227	Insert Retainer	N/A	•	•	•
30400228	Vessel Harness, Pack of 2	N/A	•	•	•
30400229	Holder For 9-13 mm Tubes, Pack of 2	N/A	•	•	•
30400230	Holder For 14-19 mm Tubes, Pack of 2	N/A	•	•	•
30400231	Holder For 20-25 mm Tubes, Pack of 2	N/A	•	•	•
30400232	Micro-Tube Holder, Pack of 2	N/A	•	•	•
30400233	Micro-Well Plate Holder, Pack of 2	N/A	•	•	•
30400234	Flat Foam Insert, Pack of 2	N/A	•	•	•

## Dimensions

