

# Mini Vortex Mixers



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.

- Select from Two Modes of Operation—Touch or Continuous
- Variable Speed Models Offer Low RPM Start Up to High-Speed Mixing
- Fixed Speed Models Provide Full RPM for Vigorous Mixing

# Vortex Mixers

## Mini Vortex Mixers

- Sturdy design
- Fixed high speed mixing
- Touch mode operation

Built sturdy to provide stable and reliable vortexing action. Starts mixing when the cup head is pressed down. Speed is fixed at full rpm to provide vigorous vortexing of samples.

### Operating Conditions:

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

### Ordering Information:

Units include a 3-wire cord and plug. Includes both cup head and 7.6 cm head with cover.

### This product includes:

Description	Item Number
Cup Head	30400235
7.6 cm Head	30400236
7.6 cm Rubber Head Cover	30400237



Description	Model	Item Number
Fixed Speed Vortex Mixer	VXMNFS	30392110

- Sturdy design
- Variable, analog speed control
- Continuous or touch mode operation

Built sturdy to provide stable and reliable vortexing action. Control allows low rpm startup for gentle shaking or high speed mixing for vigorous vortexing of samples. Two modes of operation; continuous mode when using accessory attachments or touch mode which activates mixing when depressing the cup head.

### Operating Conditions:

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

### Ordering Information:

Units include a 3-wire cord and plug. Includes both cup head and 7.6 cm head with cover. Additional accessories can be found on pages 52-53.

### This product includes:

Description	Item Number
Cup Head	30400235
7.6 cm Head	30400236
7.6 cm Rubber Head Cover	30400237



Description	Model	Item Number
Analog Vortex Mixer	VXMNAL	30392117



Specifications	
Speed Range 230V	2500 rpm
Orbit	4.9 mm
Controls	None
Duty Rating	Intermittent duty
Dimensions (L x W x H)	21.1 x 12.2 x 16.5 cm
Ship Weight	4.5 kg



Specifications	
Speed Range* 230V	500 to 2500 rpm
Orbit	4.9 mm
Controls	Auto/Off/On Rocker Switch, Speed Knob: Variable 1 to 10 Dial Marks
Duty Rating	Intermittent duty
Dimensions (L x W x H)	21.1 x 12.2 x 16.5 cm
Ship Weight	4.5 kg

\* Maximum speed will vary depending on accessory used.



## Mini Vortex Mixers

- Sturdy design
- LED displays for speed and time
- Continuous or touch mode operation

Built sturdy to provide stable and reliable vortexing action. Ideal for applications that demand repeatable results. Microprocessor control maintains set speed for strong, consistent mixing action. Timer will display elapsed time or, when programmed to user defined time limit, the unit will shut off when time reaches zero. Two modes of operation; continuous mode when using accessory attachments or touch mode which activates mixing when depressing the cup head.

### Operating Conditions:

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

### Ordering Information:

Units include a 3-wire cord and plug. Includes both cup head and 7.6 cm head with cover. Additional accessories can be found on pages 52-53.

### This product includes:

Description	Item Number
Cup Head	30400235
7.6 cm Head	30400236
7.6 cm Rubber Head Cover	30400237



Description	Model	Item Number
Digital Vortex Mixer	VXMNDG	30392124

Specifications	
Speed Range* 230V	300 to 2500 rpm
Timer	1 second to 160 hours
Orbit	4.9 mm
Controls	Auto/Standby/On Rocker Switch, LED Displays for Speed/Time, Up/Down Buttons for Set-Point Control
Duty Rating	Intermittent duty
Dimensions (L x W x H)	21.1 x 12.2 x 16.5 cm
Ship Weight	4.5 kg

\* Maximum speed will vary depending on accessory used.

- Sturdy design
- LED displays for time and speed
- Glass bead cell disruption/homogenization

Built sturdy to provide stable and reliable vortexing action. Powerful pulsing vortex action produces excellent cell disruption for glass bead procedures. Capable of complete cell disruption of samples in only minutes. Unique pulsing action reduces heat generation while providing more effective mixing and disruption. Displayed time counts up during continuous operation and counts down during timed runs.

### Operating Conditions:

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

### Ordering Information:

Units include a 3-wire cord and plug. Includes cup head, 7.6 cm head with cover, and an easy-to-load 1.5 mL to 2 mL Micro-Tube Holder. Holder has a built-in cup head. Additional accessories can be found on pages 52-53.

### This product includes:

Description	Item Number
Cup Head	30400235
7.6 cm Head	30400236
7.6 cm Rubber Head Cover	30400237
Stainless Steel Tube Holder	30400206



Description	Model	Item Number
Pulsing Vortex Mixer	VXMNPS	30392131



Specifications	
Speed Range* 230V	500 to 2500 rpm
Timer	1 second to 160 hours
Orbit	2.5 mm
Controls	Auto/Standby/On Rocker Switch, LED Displays for Speed/Time, Up/Down Buttons for Set-Point Control Pulse Button
Duty Rating	Intermittent duty
Dimensions (L x W x H)	21.1 x 12.2 x 16.5 cm
Ship Weight	4.5 kg

\* Maximum speed will vary depending on accessory used.

# Accessories

## Mini Vortex Mixer Accessories

### Micro-Tube Holder

Mixes (48) 0.25 to 2 mL micro-tubes.  
Requires Insert Retainer.

Description	Item Number
Micro-Tube Holder (2 pack)	30400232
Insert Retainer	30400227



### 9 to 13 mm Tube Holder

Ideal for mixing 5 mL culture tubes and micro-vials.  
Requires Insert Retainer.

Description	Item Number
9 to 13 mm Tube Holder (2 pack)	30400229
Insert Retainer	30400227



### 14 to 19 mm Tube Holder

Ideal for mixing up to (8) 15 mL centrifuge tubes.  
Requires Insert Retainer.

Description	Item Number
14 to 19 mm Tube Holder (2 pack)	30400230
Insert Retainer	30400227



### 20 to 25 mm Tube Holder

Ideal for mixing up to (8) 50 mL centrifuge tubes.  
Requires Insert Retainer

Description	Item Number
20 to 25 mm Tube Holder (2 pack)	30400231
Insert Retainer	30400227



### Vessel Harness

Mixes Erlenmeyer flasks and media bottles.  
Requires Insert Retainer.

Description	Item Number
Vessel Harness (2 pack)	30400228
Insert Retainer	30400227



### Cup Head

Designed for mixing 1 tube at a time.

Description	Item Number
Cup Head	30400235



### 7.6 cm Rubber Head Cover and 7.6 cm Head

Designed for mixing irregular shaped objects.

Description	Item Number
7.6 cm Rubber Head Cover	30400237
7.6 cm Head	30400236
7.6 cm Head with Rubber Cover	30400196



OHAUS Vortex Mixer accessories are interchangeable with other manufacturers' models.

### Microplate Holder

Ideal for mixing 96-well plates or deep well blocks.  
Requires Insert Retainer.

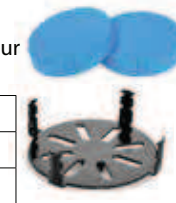
Description	Item Number
Microplate Holder (2 pack)	30400233
Insert Retainer	30400227



### Flat Foam Insert

Ideal for custom applications. Can be cut or drilled to fit your specifications. Requires Insert Retainer.

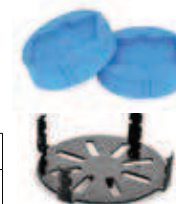
Description	Item Number
Flat Foam Insert (2 pack)	30400234
Insert Retainer	30400227



### Microwell Kit with Retainer

- Includes:
- 2 Microplate Holders
  - 1 Insert Retainer

Description	Item Number
Microwell Kit with Retainer	30400199



### Microtube Kit with /Retainer

- Includes:
- 2 Micro-Tube Holders
  - 1 Insert Retainer

Description	Item Number
Microtube Kit with /Retainer	30400200



### Foam Insert Variety Pack

- Includes:
- (1) 9 to 13 mm Tube Holder
  - (1) 14 to 19 mm Tube Holder
  - (1) 20 to 25 mm Tube Holder
  - 1 Flat Foam Insert

Description	Item Number
Foam Insert Variety Pack	30400201



### Micro-Tube and Microplate Holder Kit

- Includes:
- 1 Micro-Tube Holder
  - 1 Microplate Holder
  - 1 Insert Retainer

Description	Item Number
Micro-Tube & Microplate Holder Kit	30400198



### Tube Holder Kit

- Includes:
- (1) 9 to 13 mm Tube Holder
  - (1) 14 to 19 mm Tube Holder
  - (1) 20 to 25 mm Tube Holder
  - 1 Flat Foam Insert
  - 2 Vessel Harnesses
  - 1 Insert Retainer

Description	Item Number
Tube Holder Kit	30400197



## Mini Vortex Mixer Accessories

### Single Tube Holder

Single tube, hands free mixing. Easily attaches to the top of any Vortex Mixer with the use of a strong magnetic base. Accepts tubes from 6.4 to 11.4 cm in length. Minimum tube diameter of 19 mm.

Description	Item Number
Single Tube Holder	30400202



### Adapter for Vortex-Genie® Mixer\*

Adapter plate easily adheres to the Vortex-Genie® Mixer housing so Single Tube Holder (sold separately) can be attached.



Description	Item Number
Adapter plate	30400203

\* The Vortex-Genie® Mixer is a registered trademark of Scientific Industries, Inc.

### Single Tube Holder Accessories

(Requires Single Tube Holder)

#### 0.5 mL Micro-Tube Holder

Mixes (24) 0.5 mL micro-tubes.  
For use with Single Tube Holder.

Description	Item Number
Micro-Tube Holder (0.5 mL)	30400204



#### 1.5 mL to 2.0 mL Micro-Tube Holder

Mixes (18) 1.5 to 2 mL micro-tubes.  
For use with Single Tube Holder.

Description	Item Number
Microtube Holder (1.5 mL to 2.0 mL)	30400205



### Ampule Tube Holder

Mixes up to 4 storage vials and test tubes.

Description	Item Number
15 to 17 mm Ampule Tube Holder	30400207
10 to 17 mm Ampule Tube Holder	30400208



### Stainless Steel Microtube Holder

Mixes up to (12) 1.5 to 5 mL tubes.  
Stainless steel construction.

Description	Item Number
Microtube Holder	30400206





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**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

