

# *Vortex Mixers*



*Mini Vortex Mixers*  
*Heavy-Duty Vortex Mixers*  
*Microplate Vortex Mixers*  
*Multi-Tube Vortex Mixers*

# 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 (39 to 104°F), 20% to 85% relative humidity, non-condensing.

### Ordering Information:

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

### This product includes:

| Description                   | Item Number |
|-------------------------------|-------------|
| Cup Head                      | 30400235    |
| 3" (7.6 cm) Head              | 30400236    |
| 3" (7.6 cm) Rubber Head Cover | 30400237    |



| Description              | Model  | Item Number | Country Code       |
|--------------------------|--------|-------------|--------------------|
| Fixed Speed Vortex Mixer | VXMNFS | 30392110    | VN, MY, SG, ID, IN |
| Fixed Speed Vortex Mixer | VXMNFS | 30392111    | AU, NZ             |
| Fixed Speed Vortex Mixer | VXMNFS | 30392113    | TH, PH             |

- 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 (39 to 104°F), 20% to 85% relative humidity, non-condensing.

### Ordering Information:

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

### This product includes:

| Description                   | Item Number |
|-------------------------------|-------------|
| Cup Head                      | 30400235    |
| 3" (7.6 cm) Head              | 30400236    |
| 3" (7.6 cm) Rubber Head Cover | 30400237    |



| Description         | Model  | Item Number | Country Code       |
|---------------------|--------|-------------|--------------------|
| Analog Vortex Mixer | VXMNAL | 30392117    | VN, MY, SG, ID, IN |
| Analog Vortex Mixer | VXMNAL | 30392118    | AU, NZ             |
| Analog Vortex Mixer | VXMNAL | 30392120    | TH, PH             |



| Specifications            |   |
|---------------------------|---|
| Speed Range 120V<br>230V  | 3200 rpm<br>2500 rpm                          |
| Orbit                     | 4.9 mm (0.19")                                |
| Controls                  | None  |
| Duty Rating               | Intermittent duty                             |
| Dimensions<br>(L x W x H) | 8.3" x 4.8" x 6.5"<br>(21.1 x 12.2 x 16.5 cm) |
| Ship Weight               | 10 lbs (4.5 kg)                               |



| Specifications            |  |
|---------------------------|--|
| Speed Range* 120V<br>230V | 300 to 3200 rpm<br>300 to 2500 rpm                                       |
| Orbit                     | 4.9 mm (0.19")   |
| Controls                  | Auto/Off/On Rocker Switch,<br>Speed Knob: Variable 1 to 10<br>Dial Marks |
| Duty Rating               | Intermittent duty  |
| Dimensions<br>(L x W x H) | 8.3" x 4.8" x 6.5" (21.1 x 12.2 x<br>16.5 cm)                            |
| Ship Weight               | 10 lbs (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) | 30400230    |
| 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) | 30400231    |
| 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) | 30400228    |
| Insert Retainer                  | 30400227    |



### Vessel Harness

Mixes Erlenmeyer flasks and media bottles.  
Requires Insert Retainer.

| Description             | Item Number |
|-------------------------|-------------|
| Vessel Harness (2 pack) | 30400235    |
| Insert Retainer         | 30400227    |



### Cup Head

Designed for mixing 1 tube at a time.

| Description | Item Number |
|-------------|-------------|
| Cup Head    | 30400237    |



### 3" Rubber Head Cover and 3" Head

Designed for mixing irregular shaped objects.

| Description                        | Item Number |
|------------------------------------|-------------|
| 3" (7.6 cm) Rubber Head Cover      | 30400236    |
| 3" (7.6 cm) Head                   | 30400196    |
| 3" (7.6 cm) Head with Rubber Cover | 30400196    |



### Microplate Holder

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

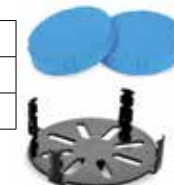
| Description                | Item Number |
|----------------------------|-------------|
| Microplate Holder (2 pack) | 30400233    |
| Insert Retainer            | 30400227    |



### 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    |



### 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    |



### 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    |

OHAUS Vortex Mixer accessories are interchangeable with other manufacturers' models. Call 1-800-672-7722 for assistance.

## 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 2.5 to 4.5" (6.4 to 11.4 cm) in length. Minimum tube diameter of 0.75" (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    |

