

# 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
- 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 (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 |
|----------------------|--------|-------------|
| Digital Vortex Mixer | VXMNDG | 30392122    |



| Specifications         |                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------|
| Speed Range* 120V      | 500 to 3000 rpm                                                                                   |
| Timer                  | 1 second to 160 hours                                                                             |
| Orbit                  | 4.9 mm (0.19")                                                                                    |
| 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) | 8.3" x 4.8" x 6.5" (21.1 x 12.2 x 16.5 cm)                                                        |
| Ship Weight            | 10 lbs (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 (39 to 104°F), 20% to 85% relative humidity, non-condensing.

**Ordering Information:**

Units include a 3-wire cord and plug . Includes cup head, 3" 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    |
| 3" (7.6 cm) Head              | 30400236    |
| 3" (7.6 cm) Rubber Head Cover | 30400237    |
| Stainless Steel Tube Holder   | 30400206    |



| Description          | Model  | Item Number |
|----------------------|--------|-------------|
| Pulsing Vortex Mixer | VXMNPS | 30392129    |



| Specifications         |                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------|
| Speed Range* 120V      | 500 to 3000 rpm                                                                                                |
| Timer                  | 1 second to 160 hours                                                                                          |
| Orbit                  | 2.5 mm (0.098")                                                                                                |
| 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) | 8.3" x 4.8" x 6.5" (21.1 x 12.2 x 16.5 cm)                                                                     |
| Ship Weight            | 10 lbs (4.5 kg)                                                                                                |

\* Maximum speed will vary depending on accessory used.

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    |

3" Rubber Head Cover and 3" Head

Designed for mixing irregular shaped objects.

| Description                        | Item Number |
|------------------------------------|-------------|
| 3" (7.6 cm) Rubber Head Cover      | 30400196    |
| 3" (7.6 cm) Head                   | 30400236    |
| 3" (7.6 cm) Head with Rubber Cover | 30400237    |

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    |

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    |



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    |

