# TAUOYS

# **VORTEX MIXER**

# Accessories

Micro-tube Holder

Mixes forty-eight, 2.0-.25ml micro centrifuge tubes.

Requires insert retainer. Part Number Price Micro-tube Holder (2 pack) 945638



Micro-well Plate Holder

Ideal for mixing 96 well plates or deep well blocks. Requires insert retainer.

Part Number Micro-well Plate Holder (2 pack) 945639 \$37.00

Insert Retaine \$80.00 945631

20-25mm Tube Holder Ideal for mixing up to eight, 50ml centrifuge tubes.

Requires insert retainer Part Number Price Tube Holder (2 pack) 945636 \$16.50

Insert Retaine \$80.00

14-19mm Tube Holder Ideal for mixing up to eight, 15ml centrifuge tubes.

Requires insert retainer. Part Number Price Tube Holder (2 pack) 945635 \$16.50

Insert Retainer \$80.00 945631

9-13mm Tube Holder Ideal for mixing 5ml culture tubes and micro vials. Requires insert retainer.

Part Number Price Tube Holder (2 pack) 945634

\$16.50 Insert Retainer 945631 \$80.00

Vessel Holder Mixes Erlenmeyer flasks and media bottles. Requires insert retainer. Part Number Price Vessel Harness (2 pack) 945633 \$5.25 Insert Retainer \$80.00 945631



110.00 Large (10-17mm) 945648

Talboys vortex mixer accessories are interchangeable with other manufacturers' models. Call Talboys for assistance.

# **Accessory Kits**

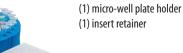
### **Tube Holder Kit with Retainer**



- Includes: (1) holder for 9-13mm tubes (1) holder for 14-19mm tubes (1) holder for 20-25mm tubes
  - (1) flat foam insert
  - (2) vessel harness
  - (1) insert retainer

## Micro-tube and Micro-well Plate Holder Kit with Retainer

Includes: (1) micro-tube holder



**Part Number** Price 945637 \$63.00



Replacement Parts		
Description	Part Number	Price
Insert retainer	945631	\$80.00
Vessel harness (2 pack)	945633	5.25
Holder for 9-13mm tubes (2 pack)	945634	16.50
Holder for 14-19mm tubes (2 pack)	945635	16.50
Holder for 20-25mm tubes (2 pack)	945636	16.50
Micro-tube holder (2 pack)	945638	36.50
Micro-well plate holder (2 pack)	945639	37.00
Flat foam insert (2 pack)	945644	16.00
Cup head	945643	21.00
3" head (7.6cm)	945641	22.00
3" rubber head cover (7.6cm)	945642	22.00
1.5ml-2.0ml tube holder, for pulsing mixer	945646	175.00



# Single Tube Holder



**Single Tube Holder** Mounts to the top of vortex mixers for single tube, hands free mixing. Easily attaches to the top of any vortex mixer without the use of tools. Patent Pending.

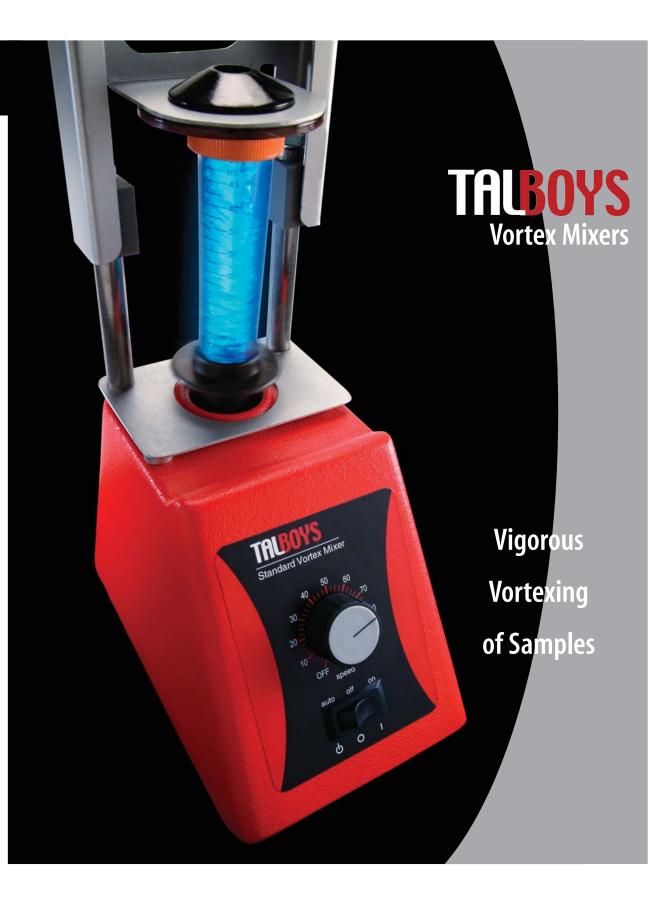
Description	Part Number	Price
Fits Talboys vortex mixers	945659	\$99.00
Adapter for Vortex-Genie® mixer*	945660	49.00
.5ml micro-tube holder	945655	50.00
1.5ml-2.0ml tube holder	945656	50.00

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



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# TALBOYS

# **1-888-TALBOYS**

# www.talboys.com

# **VORTEX MIXER**



### **Basic Vortex Mixer**

**Dimensions** 

- · Touch mode operation
- · Fixed high speed mixing

**Basic Vortex Mixers** are one touch units that are designed for high speed mixing. Starts mixing when the cup head is pressed down. Speed is fixed at full rpm to provide vigorous vortexing of samples.

All Basic Vortex Mixers include both cup head and three-inch head with

4.8"W x 6.8"D x 4.8"H

(12.2cm x 17.3cm x 12.2cm)



### Standard Vortex Mixer

- Variable speed control
- Continuous or touch mode operation

**Standard Vortex Mixers** have a variable speed, analog control that allows low rpm startup for gentle shaking or high speed mixing for vigorous vortexing of samples. Choose from two modes of operation; continuous mode when using accessory attachments or touch mode which activates mixing when depressing the cup head.

All Standard Vortex Mixers include both cup head and three-inch head with cover.

11lbs (5kg)

4.8"W x 6.8"D x 4.8"H

(12.2cm x 17.3cm x 12.2cm)



### **Advanced Vortex Mixer**

- · Continuous or touch mode operation
- Micro-processor controls
- LED display for speed and time
- Time

Price

\$306.00

320.00

Advanced Vortex Mixers are ideal for applications that demand repeatable results. Mixers feature touch pad controls and LED displays for accurate speed(rpm) and time(minutes/seconds) results. Micro-processor feedback 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. Choose from two modes of operation; continuous mode when using accessory attachments or touch mode which activates mixing when depressing the cup head.

All Advanced Vortex Mixers include both cup head and three-inch head with cover.

Advanced Vortex Mixer Specifications

Basic Vortex Mixer Specifications		rtex Mixer Specifications Standard Vortex Mixer Specifications				
Description	Part Number	Price	Description		Part Number	
Basic Vortex Mixer, 120v	945610	\$240.00	Standard Vortex Mixe	er, 120v	945600	\$3
Basic Vortex Mixer, 230v	945611	260.00	Standard Vortex Mixe	er, 230v	945601	3
Performance			Performance			
Speed Range	3200rpm		Speed Range	100 to	3200rpm	
Electrical	75 watts, 50/60 Hz		Electrical	75 wat	ts, 50/60 Hz	
Controls	None		Controls	3-way	power switch,	
Weight	11lbs (5kg)			speed l	knob: variable 1 to 10 dia	l marks

Weight

**Dimensions** 

	JA IIII ACII		
Description		Part Number	Price
Advanced Vortex Mixe	r, 120v	945603	\$389.00
Advanced Vortex Mixe	r, 230v	945616	409.00
Performance			
Speed Range	500 to	3000rpm	
Electrical	75 wat	ts, 50/60 Hz	
Controls	3-way	power switch,	
	LED dis	play for time/speed,	
	up/dov	vn keys for set-point contro	ol
Weight	11lbs (	5kg)	
Dimensions	4.8"W	x 6.8"D x 4.8"H	
	(12.2cr	m x 17.3cm x 12.2cm)	



# **Pulsing Vortex Mixer**

- · Glass bead cell disruption/homogenization
- Continuous or touch mode operation
- LED display for speed and time
- Micro-processor controls

Powerful pulsing vortex action produces excellent cell disruption for glass bead procedures. The **Pulsing Vortex Mixer** is capable of complete cell disruption of samples in only minutes. Unique pulsing action reduces heat generation while providing more effective mixing and disruption. System includes an easy-to-load holder for (12)1.5ml or 2.0ml micro centrifuge tubes. Micro-tube holder has a built-in cup head which allows mixer to be used as a standard vortex mixer in touch mode. Micro-processor feedback control maintains set speed for strong, consistent mixing action. LED displays for both speed(rpm) and time(minutes/seconds) which provides better repeatability and accuracy. Displayed time counts up during continuous operation and counts down during timed runs.

# Pulsing Vortex Mixer Specifications Description Part Number

Description	Part Number	Price
Pulsing Vortex Mixer, 120v	945620	\$469.00
Pulsing Vortex Mixer, 230v	945621	489.00

Performance Speed Range	500 to 3000rpm
Electrical	75 watts, 50/60 Hz
Controls	3-way power switch,
	LED display for time/speed,
	up/down keys for set-point control,
	pulsing key
Weight	11lbs (5kg)
Dimensions	4.8"W x 6.8"D x 4.8"H
	(12.2cm x 17.3cm x 12.2cm)

# **Grinding Media for Pulsing Vortex Mixer**

### 200 Micron Zirconium Beads

#### **Acid Washed Zirconium Grinding Beads**

This high-density bead has enormous grinding energy; resulting in reduced grinding times. Beads have been acid washed to remove contaminants.

Application: Suitable for yeast and bacterial spores.

 Size
 Part Number
 Price

 250-gram bottle
 930117
 \$128.00

#### Molecular Biology Grade Zirconium Grinding Beads

Treated to be DNase/RNase-free, these beads are useful for the preparation of samples for molecular biology applications.

Application: Preparation of cells for Real Time PCR.

 Size
 Part Number
 Price

 250-gram bottle
 930118
 \$175.00

### Low Protein Binding Zirconium Grinding Beads

High impact, low binding beads with low concentrations of protein.

Application: Protein analysis of yeasts and bacteria.

 Size
 Part Number
 Price

 250-gram bottle
 930119
 \$192.00

#### **400 Micron Silica Beads**

# Acid Washed Silica/Glass Beads

Useful for standard applications.

Application: Good for disrupting molds and yeast.

Size Part Number Price
200-gram bottle 930111 \$97.00

### Molecular Biology Grade Silica/Glass Beads

Treated to be DNase/RNase-free, these beads are useful for preparing samples for molecular analysis.

Application: Molecular applications for disrupting molds and yeast.

 Size
 Part Number
 Price

 200-gram bottle
 930112
 \$128.00

## Low Protein Binding Silica/Glass Beads

These treated beads are low protein binding and useful for homogenizing samples for protein analysis.

Application: Disruption of molds/yeasts for high protein recovery.

 Size
 Part Number
 Price

 200-gram bottle
 930113
 \$160.00

## 800 Micron Silica/Glass Beads

# Acid Washed Silica/Glass Beads

Excellent impact energy due to their larger size.

Application: Good general grinding media for fungi and spores.

 Size
 Part Number
 Price

 200-gram bottle
 930114
 \$97.00

# Molecular Biology Grade Silica/Glass Beads

Beads are DNase/RNase-free treated and useful for the preparation of samples for molecular applications and analysis.

Application: Useful for disrupting fungi and spores.

 Size
 Part Number
 Price

 200-gram bottle
 930115
 \$128.00

## Low Protein Binding Silica/Glass Beads

Beads adsorb less protein than standard beads and are useful when high protein recovery is necessary.

Application: Best choice for preparation of filamentous fungi, spores or pollen that require high protein recovery.

 Size
 Part Number
 Price

 200-gram bottle
 930116
 \$160.00