



Vortexers

Our mixers are affordable and can be used for various types of tubes. Applications include solution phase synthesis when a good mixture of heterogeneous solutions is needed. In Solid Phase chemistry the pulsation feature is extremely useful for the full reaction of resins, and other materials.

Specifications:



Size:	18.25" W x 7"D x 13.5"H (to top of plate) 46.355cm x 17.8cm x 34.3cm (to top of plate)
Platform Size:	14.25" x 7" (36.2cm x 17.8cm)
Mixer Mounts:	Vibration absorbing for minimum transfer to lab bench
On/Off Switch:	Located on front of unit
Pulse Switch:	Located on front of unit
Finish:	Powder coat finish
Cord:	Attached 3-wire 5' long
Load:	Up to 5 lbs (2.3kg) at lower speeds

Vortexer:

The cartridge design of Glas-Col's Multi-Pulse Vortexer allows the user to switch the size of tubes to be mixed simply by changing the cartridge size, thus eliminating the need for extra racks. Cartridges are available for test tubes and centrifuge tubes and can be used with capped or uncapped tubes. The blank cartridges allow the use of most standard tube racks. Each cartridge is constructed of chemical resistant foam and ABS plastic. The unit easily adjusts for different height tubes. The content of the tubes remain visible during mixing, and sample can be added to uncapped tubes without stopping the action.

Other Features Include:

- Variable speed.
- Pulsing feature interrupts vortexing to join upper and lower strata for more thorough mixing.
- DC motor with filtered control for smoother operation and longer motor life.
- Interchangeable cartridge system allows units to be adapted to different vessels easily.
- Variety of sizes to fix most applications.

Easily customized for special applications. Each Multi-Pulse Vortexer comes with two cartridges, one for 12-13 mm diameter tubes and one for 15-16 mm diameter tubes.

Catalog Number	099A VB424CE
Description	Vortexer base with two cartridges
Voltage	240V
RPM	100-2000

Catalog Number	Vessels Size and Type	Cartridge Capacity
099A VC13100	Test Tubes, 12-13 mm diameter	22
099A VC171150	Test Tubes, 15-16 mm diameter	22
099A VC20150	Test Tubes, 18-20 mm diameter	19
099A VC25300	Test Tubes, 25 mm diameter	12
099A VC29135	Test Tubes, 28-29 mm diameter	10
099A VC15ML	15 ml vials	22

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Vortexers

Recommended EPA Methods
from our customers:



Catalog Number	Description	Input	RPM
099A PPM24CE	Mixer Base Digital	240V	150-1800
099A LC1024CE	Mixer Base Analog	240V	100-2000
099A VC4014	1/2 Foam pad for (14) 40ml EPA	N/A	N/A
099A VC6014	1/2 Foam pad for (14) 60ml EPA	N/A	N/A

Method:

- 505 Analysis of PCB
- 515.3 Determination of chlorinated acids in drinking water
- 552 Determination of haloacetic acids in drinking water
- 551.1 Determination of pesticides/herbicides in drinking water

Specifications:

Platform: 11-5/8" X 14-1/4" (29.5cm x 36.2cm)
 Electrical Rating: 3.0A, 50/60Hz
 Electrical: 5-ft, 3-wire ground cord and on/off power switch
 Load Weight Capacity: Maximum of 10 lbs (4.5kg)

Glas-Col's Pulse Mixer is capable of performing high or low pulse vortexing/mixing for most applications. This unit is able to accommodate a wide variety of glassware, racks, well plates or reactor blocks for accurate, repeatable results. In the **QuEChERS** procedure, our systems are well adapted for the various vials associated with this method. **Quick Easy Cheap Effective Rugged Safe:** analysis of multiple pesticide residues in fruit, vegetables, cereals and processed products.

