

Shakers- 3D



MID-RANGE 3D SHAKER

The Mid-Range 3D Shaker gives you the same convenient, consistent 3D shaking on your bench top as you get with our 3D Floor Shaker.

- Mechanically shakes glassware for consistent, repeatable results.
- Fits in fume hood to protect personnel from fumes. (Minimum 30"d x 36"l x 36"h for 2-liter sep funnels; 24"d x 72"l x 36"h for sizes up to 1-liter).
- Handles total loads up to 40 lbs without needing to balance load.
- "Lazy Susan" design allows 360° rotating of platform for easy loading and unloading.
- Platform locks in place for added safety.
- Accommodates up to four 2-liter separatory funnels.
- Glas-Col's automatic venting separatory funnels available for added safety.

Specifications

Motor Speed: 10-170 cycles/min. With 1/4-hp continuous-duty motor.

Load Weight Capacity: Maximum of 40 lbs. (18.1 kg).

Electrical: Power switch, circuit breaker, and 6-ft., 3-wire cord. Digital speed and countdown interval timers. Electrical Rating: 120 or 240Volts. RS232: Port can be used with Labnetix software.

Size: Shaker base dimensions-22"d x 17"w (55.9 x 43.2 cm). Height to platform 14" (35.6 cm). Octagonal platform-19" (48.3 cm) across corners.

Weight: 165 lbs.

Finish: Foxtip gray and charcoal.



Catalog Number	Description
*099A VS20012	Shaker base only, 120V
*099A VS20024	Shaker base only, 240V
099A VS21012	Shaker base w/four 1-liter separatory funnel holders, 120V
099A VS21024	Shaker base w/four 1-liter separatory funnel holders, 240V
099A VS22012	Shaker base w/four 2-liter separatory funnel holders, 120V
099A VS22024	Shaker base w/four 2-liter separatory funnel holders, 240V

- Note: Glassware holders not included. Order separately.

REPEATABLE.

RELIABLE.

RESULTS.

FUNNEL OR FLASK HOLDER (Midrange Shaker)

Each separatory funnel holder will hold one funnel, and you can use up to four holders at once. Holders are available for 250, 500, 1000, and 2000 ml funnels, and they easily mount to the platform without fasteners.

While the rear support of the funnel holder remains stationary, the front part holding the funnel can be released and rotated 360°. This permits the funnel to be filled, inverted for shaking, and then reinverted for addition and/or extraction, all while the flask remains in the holder. This also helps to eliminate breakage of glassware caused by handling. When using standard funnels with glass, plastic, or Teflon® stoppers, gas pressure can be released by inverting the funnel and shaking with the stopcock open. Gas pressure can also be released automatically by using Glas-Col's patented VentSep separatory funnels. The Erlenmeyer and Volumetric flask holder will hold a single flask and is available for 250, 500, and 1000 ml Erlenmeyer flasks.

Catalog Number	Description	Height (in)	Width (in)	Depth (in)	Product Weight (lbs)
099A VH0250S	Holder for 250-ml separatory funnel	11.0	7.00	8.25	5.5
099A VH0500S	Holder for 500-ml separatory funnel	11.0	7.00	8.25	5.5
099A VH1000S	Holder for 1000-ml separatory funnel	11.0	7.00	8.50	5.5
099A VH2000S	Holder for 2000-ml separatory funnel	11.0	7.25	9.50	5.5
099A VH0250E	Holder for 250-ml Erlenmeyer flask	11.0	7.25	9.00	5.5
099A VH0500E	Holder for 250-ml Erlenmeyer flask	11.0	7.25	9.25	5.5
099A VH1000E	Holder for 250-ml Erlenmeyer flask	11.0	7.00	10.00	5.5
099A VH1000V	Holder for 1000-ml Volumetric flask	11.0	7.00	8.5	5.5
099A VH2000V	Holder for 2000-ml Volumetric flask	11.00	7.25	9.5	5.5

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3D FLOOR SHAKER

This shaker eliminates time-consuming and tiring shaking of large vessels by hand.

- Vigorously shakes large (up to 2-liter) separatory funnels.
- 3D motion circulates liquid up, down, sideways, and around for effective mixing.
- Excellent for hemolyzing blood, water pollution analysis, or drug analysis.
- Shakes up to eight 2-liter funnels; no balancing required.
- Rack design minimizes strain on drains and stopcocks and reduces the possibility of broken glassware.
- Can be adapted to accommodate other types of vessels.

Specifications

Motor Speed: Variable, 10-170 cycles per minute.

Load Weight Capacity: 80 lbs. (36.3 kg).

Electrical: Power switch, circuit breaker, and 6-ft., 3-wire cord. Digital speed and countdown interval timers. Electrical Rating: 120 or 240Volts. RS232: Port can be used with Labnetix software.

Mounting: Floor pads on base have mounting holes for bolting shaker in place.

Size: Base dimensions of 27 1/4"w x 30 1/4"d x 26"h (69 x 77 x 66 cm). Platform working height of 36" (91.4 cm).

Weight: 400 lbs.



Catalog Number	Description
099A VS50012	Shaker base only, 120V
099A VS50024	Shaker base only, 240V
099A VS5503	Shaker base capacity (8) 1-liter separatory funnel holders, 120V
099A VS550324	Shaker base capacity (8) 1-liter separatory funnel holders, 240V
099A VS5504	Shaker base capacity (8) 2-liter separatory funnel holders, 120V
099A VS550424	Shaker base capacity (8) 2-liter separatory funnel holders, 240V

FUNNEL OR FLASK HOLDER (Floor Shaker)

Catalog Number	Description	Height (in)	Width (in)	Depth (in)	Product Weight (lbs)
099A VH1000DS	Double Holder for 1000-ml separatory funnel	11.0	14.00	8.50	9.0
099A VH2000DS	Double Holder for 2000-ml separatory funnel	11.0	14.50	9.50	9.0
099A VH1000DV	Double Holder for 1000-ml Volumetric flask	11.0	14.00	8.5	9.0
099A VH2000DV	Double Holder for 2000-ml Volumetric flask	11.00	14.50	9.5	9.0

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