

## Cole-Parmer™ One-Touch Vibratory Sieve Shaker

### Don't waste time reprogramming

- Store up to 99 testing profiles for easy repeat of standard tests
- Touch-screen programmable controller allows selection of vibration level, time, and pauses

Combine proven separation technology with the latest in electronic control for fast, accurate separations. Establish the particle size for aggregates, ores, pharmaceuticals, powders, and more. Simply select vibration level, time, and pauses, and press "Start." Three-dimensional sieving action evenly distributes the sample across the sieving surface and reorients particles to ensure the maximum number of passing opportunities. Store up to 99 testing profiles for your standard sieving operations to ensure repeatability.

Shaker accepts eight full-height, or sixteen half-height 8"-dia sieves (sold separately on page 851). Sieve clamps allow fast, easy insertion and removal of sieve stacks, while ensuring that sieves are tightly secured during testing.



#### Specifications

**Test time:** 0 to 99 minutes, 59 seconds

**Pause time:** 0 to 99 seconds

**Power level:** 1 to 10

**Dimensions (W x H x D):** 16½" x 28" x 12" (42.0 x 71.1 x 31.0 cm)

Power (VAC, Hz)	Shpg wt lb (kg)	Catalog number	Price
115, 60	94 (43)	<a href="#">GY-59986-03</a>	

## Sieve Calibration Standards

### Spheres are traceable to NIST

Calibrate sieves to an accuracy of ±1 µm. Soda-lime glass microspheres pass over the entire surface of the sieve and through every aperture. Standards include an NIST-traceable calibration report supplied by the manufacturer.



Mesh no.	Sieve aperture size		Volume grams*	Catalog number	Price
	Range	Mean			
8	2.00 to 2.80 mm	2.36 mm	100	<a href="#">GY-59945-00</a>	
10	1.70 to 2.36 mm	2.00 mm		<a href="#">GY-59945-01</a>	
12	1.40 to 2.00 mm	1.70 mm	75	<a href="#">GY-59945-02</a>	
14	1.18 to 1.70 mm	1.40 mm		<a href="#">GY-59945-03</a>	
16	1.00 to 1.40 mm	1.18 mm	50	<a href="#">GY-59945-04</a>	
18	0.85 to 1.18 mm	1.00 mm		<a href="#">GY-59945-05</a>	
20	0.71 to 1.00 mm	850 µm	15	<a href="#">GY-59945-06</a>	
25	600 to 850 µm	710 µm		<a href="#">GY-59945-07</a>	
30	500 to 710 µm	600 µm	12.5	<a href="#">GY-59945-08</a>	
35	425 to 600 µm	500 µm		<a href="#">GY-59945-09</a>	
40	355 to 500 µm	425 µm	7.5	<a href="#">GY-59945-10</a>	
45	300 to 425 µm	355 µm		<a href="#">GY-59945-11</a>	
50	250 to 355 µm	300 µm	5	<a href="#">GY-59945-12</a>	
60	212 to 300 µm	250 µm		<a href="#">GY-59945-13</a>	
70	180 to 250 µm	212 µm	12.5	<a href="#">GY-59945-14</a>	
80	150 to 212 µm	180 µm		<a href="#">GY-59945-15</a>	
100	125 to 180 µm	150 µm	7.5	<a href="#">GY-59945-16</a>	
120	106 to 150 µm	125 µm		<a href="#">GY-59945-17</a>	
140	90 to 125 µm	106 µm	5	<a href="#">GY-59945-18</a>	
170	75 to 106 µm	90 µm		<a href="#">GY-59945-19</a>	
200	63 to 90 µm	75 µm	5	<a href="#">GY-59945-20</a>	
230	53 to 75 µm	63 µm		<a href="#">GY-59945-21</a>	
270	45 to 63 µm	53 µm	5	<a href="#">GY-59945-22</a>	
325	38 to 53 µm	45 µm		<a href="#">GY-59945-23</a>	
400	32 to 45 µm	38 µm	5	<a href="#">GY-59945-24</a>	

\*Volume is divided into five single-use vials.

## Compact Ultrasonic Test Sieve Cleaner

### Clean your 8" or 200-mm diameter sieves safely and effectively

Simply brush sieve before inserting it into the 1.4-gallon (5.3-L) ultrasonic bath—vibrations up to 37 kHz dislodge particles from sieve frame and screen. Select the run time from 1 to 5 minutes in 1-minute intervals or from 5 to 30 minutes in 5-minute intervals. Sieve cleaning program alternates between regular cleaning and a powerful pulse to produce excellent cleaning results. Degas mode is ideal for degassing HPLC solvents while the sample prep mode is for standard mixing, cleaning, and dissolving applications.

Unit features a stainless steel (SS) tank and outer casing. Overall dimensions are 13¾" (35 cm) H x 10¼" (26 cm) dia; tank measures 5⅞" (13 cm) H x 9⅞" (24 cm) dia.

Description	Power	Catalog number	Price
Ultrasonic sieve cleaner	115 VAC, 60 Hz	<a href="#">GY-59987-35</a>	
	230 VAC, 50 Hz	<a href="#">GY-59987-36</a>	

[GY-59987-37](#) Lid, plastic

[GY-59987-38](#) Basket, SS

[GY-08801-11](#) Cleaning solution, 1-qt bottle

