

ELE Economy Sieve Shaker

- ☐ *Inexpensive, yet efficient design for accurate separation of materials.*
- ☐ *Built-in 30-minute timer.*
- ☐ *Accepts 8" (203 mm), and 12" (305 mm) standard test sieves.*

The economy sieve shaker accepts 11 eight inch diameter or 7 twelve inch diameter sieves. The unit has a spring-type rebound shaking and rocking action and separates materials for grading.

The unit is fitted with a ¼ h.p. 110 V AC, 60Hz, 1 phase motor and has a 30-minute timer.

**Inventory Reduction
Special!!**

\$550

reg. Price \$700



SPECIFICATIONS

Capacity: Eleven 8" or Seven 12" sieves
Motor: ¼ h.p.
Dimensions: 18" long x 14.5" wide x 48" tall
Weight: 73 lbs.

Ordering Information

80-0455/02 ELE Economy Sieve Shaker
110-120 V AC, 50/60 Hz, 1ph

In the interests of improving and updating its equipment, ELE reserves the right to alter specifications to equipment at any time.



Aggregate Screen Shakers

- Screen size range from 4" to No. 200.
- Grades bulk samples up to 1 cu. ft. (0.03 m³) in minutes.
- Independently removable screen trays.
- Available with either manual or hydraulic type clamping systems.

The Aggregate Screen Shaker is designed for sizing test samples of crushed stone, sand, gravel, slag, coal, ores, and other similar materials. The shaker will receive and grade up to 1 cu.ft. (0.03 m³) of bulk materials in one operation.

The unit is designed primarily for sizing in the range of 4" down to a #4 screen size, and with smaller amounts of finer materials down to a #200.

The standard series shaker utilizes a manually-operated, threaded clamping rod arrangement to hold the screen trays during operation. The other series features a hydraulic pump clamping system for quick clamping and release of trays in just a few motions.

Both versions are supplied complete with five coarse series screen trays and a dustpan tray.

Specifications

Capacity.	1 cu. ft. (0.03 m ³).
Motor.	Capacitor-type; 1/3 h.p. with overload protection.
Tray Dimensions.	Screen Area: 14-3/4" x 22-3/4" (375 x 578 mm). Overall: 18" x 26" (457 x 660 mm).
Trays.	Steel wire cloth; five included: 2", 1-1/2", 1", 3/4", 1/2" plus dustpan tray.
Overall Dimensions.	23" w. x 31" d. x 43" h. (584 x 787 x 1,092 mm).
Weight.	Shpg. 500 lbs. (227 kg).

Ordering Information

Note: EI80-0405 series with hydraulic clamping system shown.

- EI80-0400/02. With Manually-Operated Clamping. 115vAC, 60 Hz, 1ø.
- EI80-0400/01. With Manually-Operated Clamping. 230vAC, 50 Hz, 1ø.
- EI80-0405/02. With Hydraulically-Operated Clamping. 115vAC, 60 Hz, 1ø.
- EI80-0405/01. With Hydraulically Operated Clamping. 230vAC, 50 Hz, 1ø.

Accessories

- EI80-0410. Door Enclosure. Encloses front and top of shaker for minimum dust and noise.

Tray Size or number	Mesh Standard (mm)	Opening Alternative (in.)	Coarse Series Steel Wire Cloth Model No.	Medium & Fine Series Brass Wire Cloth Model No.
4"	100.00	4.000	EI80-0400/10	—
3-1/2"	90.00	3.500	EI80-0400/12	—
3"	75.00	3.000	EI80-0400/14	—
2-1/2"	63.00	2.500	EI80-0400/16	—
2"	50.00	2.000	EI80-0400/18*	—
1-3/4"	45.00	1.750	EI80-0400/20	—
1-1/2"	38.10	1.500	EI80-0400/22*	—
1-1/4"	31.50	1.250	EI80-0400/24	—
1"	25.00	1.000	EI80-0400/26*	—
7/8"	22.40	0.875	EI80-0400/28	—
3/4"	19.00	0.750	EI80-0400/30*	—
5/8"	16.00	0.625	EI80-0400/32	—
1/2"	12.50	0.500	EI80-0400/34*	—
7/16"	11.20	0.438	EI80-0400/36	—
3/8"	9.50	0.375	EI80-0400/38	—
5/16"	8.00	0.312	EI80-0400/40	—
1/4"	6.30	0.250	EI80-0400/42	—
#3-1/2	5.60	0.223	EI80-0400/44	—
#4	4.75	0.187	EI80-0400/46	—
#5	4.00	0.157	—	EI80-0400/48
#6	3.35	0.132	—	EI80-0400/50
#7	2.80	0.111	—	EI80-0400/52
#8	2.36	0.0937	—	EI80-0400/54
#10	2.00	0.0787	—	EI80-0400/56
#12	1.70	0.0661	—	EI80-0400/58
#14	1.40	0.0555	—	EI80-0400/60
#16	1.18	0.0469	—	EI80-0400/62
#18	1.00	0.0394	—	EI80-0400/64
#20	850 µm	0.0331	—	EI80-0400/66
#25	710 µm	0.0278	—	EI80-0400/68
#30	600 µm	0.0234	—	EI80-0400/70
#35	500 µm	0.0197	—	EI80-0400/72
#40	425 µm	0.0165	—	EI80-0400/74
#45	355 µm	0.0139	—	EI80-0400/76
#50	300 µm	0.0117	—	EI80-0400/78
#60	250 µm	0.0098	—	EI80-0400/80
#70	212 µm	0.0083	—	EI80-0400/82
#80	180 µm	0.0070	—	EI80-0400/84
#100	150 µm	0.0059	—	EI80-0400/86
#200	75 µm	0.0029	—	EI80-0400/88
Dustpan Tray			—	EI80-0400/90

Special Note:

Trays with an asterisk are supplied with Aggregate Screen Shakers as standard. If different trays are desired, advise factory at time of order.



ELE Rotasift™ Laboratory Sifter

- **Quiet and highly efficient with rotational sifting and tapping action.**
- **Sieves are simply laid in place with no clamping required.**
- **Door safety switch prevents opening door while sifter is in operation.**
- **Accept 8" (203 mm) and 12" (305 mm) standard test sieves.**
- **Built-in 30 minute timer.**

The new ELE Rotasift™ Laboratory Sifter is designed to accept up to ten 8" (203 mm) diameter by 2" (50.8 mm) high or six 12" (305 mm) by 3" (76.2 mm) high standard test sieves and cover.

In addition to all of the features found in competitive models, the ELE Rotasift™ incorporates an internal switch in the door for operator safety. This feature prevents the user from opening the unit while in operation.

Specifications

Capacity.	Ten 8" (203 mm) or six 12" (305 mm) diameter sieves plus cover.
Timer.	Built-in 30 minute.
Motor.	1/3 h.p.
Dimensions.	19.9" w. x 30.7" d. x 59" h. (505 x 780 x 1,500 mm). Width and depth dimensions are the base dimensions of the frame.
Weight.	Net 175 lbs. (79.4 kg).

Ordering Information

EI80-0415/02.	110vAC, 60 Hz, 1ø.
EI80-0415/06.	220vAC, 60 Hz, 1ø.
EI80-0415/01.	220vAC, 50 Hz, 1ø.



Ro-Tap® Sieve Shakers

- **Totally enclosed, vertically-mounted motor.**
- **Built-in 30 minute digital timer.**
- **Models available for use with either 8" (203 mm) or 12" (305 mm) diameter sieves.**

Ro-Tap® Sieve Shakers are designed to accurately reproduce the circular and tapping motion of hand-sieving, but with a uniform, mechanical action to assure dependable and comparable test results.

Specifications

Capacity.	EI80-0420: 6 full-height sieves, 8" (203 mm) diam., plus pan and cover. EI80-0425: 3 full-height sieves, 12" (305 mm) diam., plus pan and cover.
Motor.	1/4 h.p.
Timer.	Built-in; 30 minute digital timer.
Support Plate.	Adjustable.
Dimensions.	28" w. x 21" d. x 25" h. (711 x 533 x 635 mm).
Weights.	EI80-0420: Net 165 lbs. (75 kg); Shpg. 185 lbs. (84 kg). EI80-0425: Net 200 lbs. (91 kg); Shpg. 220 lbs. (100 kg).

Ordering Information

Note: Shown with sieves; not included, order separately.

EI80-0420/02.	For 8" (203 mm) Diam. Sieves. 110vAC, 60 Hz, 1ø.
EI80-0420/06.	For 8" (203 mm) Diam. Sieves. 220vAC, 60 Hz, 1ø.
EI80-0420/01.	For 8" (203 mm) Diam. Sieves. 220vAC, 50 Hz, 1ø.
EI80-0425/02.	For 12" (305 mm) Diam. Sieves. 110vAC, 60 Hz, 1ø.
EI80-0425/06.	For 12" (305 mm) Diam. Sieves. 220vAC, 60 Hz, 1ø.
EI80-0425/01.	For 12" (305 mm) Diam. Sieves. 220vAC, 50 Hz, 1ø.

Accessories

EI80-0425/10.	8" (203 mm) Adapter Kit. Allows EI80-0425 series Ro-Tap to accept 8" (203 mm) diameter sieve.
EI80-0430.	Ro-Tap Sound Enclosure.