

Geotech Sand Shaker Portable Handheld Sieve/Grain-Size Analyzer

The Sand Shaker is a manual sieve kit designed to provide reliable grain size analysis. It features 20 stainless steel screens ranging in size from US Sieve No. 4 to 270. The sample is placed into the top of five clear acrylic cylinders, shaken to distribute particles, and volumetric percentages are indicated on the Shaker frame for quick and accurate gradation.

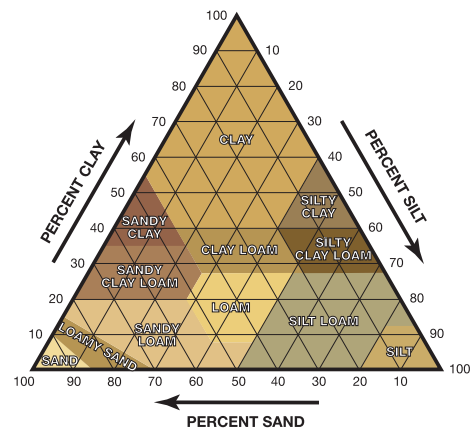
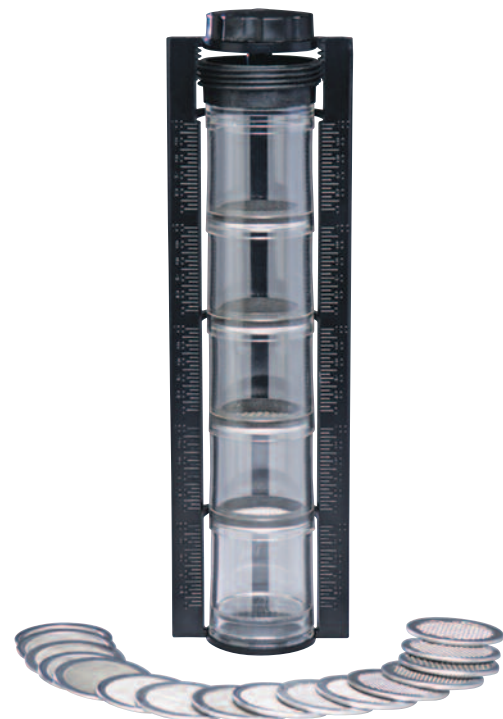
FEATURES

- Improved frame design for easier operation
- Lightweight and portable
- 20 interchangeable sieves with stainless steel mesh and edging
- Indication of volumetric percentages on the shaker frame
- Clear acrylic cylinders, 2" (5 cm) I.D. and 1.85" (4.7 cm) long
- ABS plastic frame, 4" (10 cm) I.D. and 14.5" (37 cm) long

SIEVE SIZES

Sieve Designation	Mesh Opening inches (mm)	US Standard Sieve No.
187 OPN	0.1870 (4.7498)	4
132 OPN	0.1320 (3.3528)	6
90 OPN	0.0900 (2.2860)	8
72 OPN	0.0720 (1.8288)	10
60 OPN	0.0600 (1.5240)	12
51 OPN	0.0510 (1.2954)	14
46 OPN	0.0460 (1.1684)	16
40 OPN	0.0400 (1.0160)	18
30 OPN	0.0300 (0.7620)	20
26 OPN	0.0260 (0.6604)	25
23 OPN	0.0230 (0.5842)	30
20 OPN	0.0200 (0.5080)	35
15 OPN	0.0150 (0.3810)	40
09 OPN	0.0090 (0.2286)	60
055 OPN	0.0055 (0.1397)	100
046 OPN	0.0046 (0.1168)	120
041 OPN	0.0041 (0.1041)	140
029 OPN	0.0029 (0.0737)	200
024 OPN	0.0024 (0.0610)	230
021 OPN	0.0021 (0.0533)	270

Each sieve has the mesh size stamped on the flat face.



Guide to the Textural Classification of Soil
(U.S. Department of Agriculture Soil Conservation Service)

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • (800) 833-7958 • FAX (303) 322-7242

email: sales@geotechenv.com website: www.geotechenv.com