



SEPOR, INC
718 N FRIES AVE.
WILMINGTON, CA 90744
310 830 6601
Fax: 310 830 9336
info@sepor.com

OPERATING MANUAL
Wet Dry Sieve Shaker



The Sepor Wet-Dry Sieve Shaker is supplied for the purpose of conducting relatively simple size analysis for materials. The sieve shaker uses standard 8 inch diameter laboratory sieve screens and has a capacity for 2 full height 8" diameter sieve screens.

If the sieve shaker is to be used for **WET TESTING**, first place the rubber motor cap over the motor. Next, place the sieve shaker on a 5-gallon plastic bucket container, with notched cut out corresponding to the mounting lugs on the sieve shaker. Place the sieves in the sieve shaker. Place the sieve shaker in a drain area (laboratory sink or floor drain). Move water source (hose with spray) over top screen in sieve shaker. Plug sieve shaker into an appropriate electrical outlet. Turn line cord switch on. While sieves are vibrating, turn water on and spray water into the top sieve. The water and fine material will pass through the screen(s), with the finest material collecting in the plastic bucket with the water. If it is desired to recover fines material in the bucket with the water, pour material into a laboratory batch vacuum filter and dewater it.

For **DRY TESTING**, place the sieve shaker on a 5-gallon plastic bucket container, with notched cut out corresponding to the mounting lugs on the sieve shaker. By using a cover on the top sieve when dry sieving, dust may be controlled somewhat. Also, the sieve shaker may be used with one screen and one fines pan, with extended rim, with the fines materials being collected in the fines pan. Place the sieves in the sieve shaker. Plug sieve shaker into an appropriate electrical outlet. Turn line cord switch on. The fine material will pass through the screen(s), with the finest material collecting in the plastic bucket, or fines pan. After it appears that no more material is passing through the screen, turn sieve shaker off. Remove sieves. The sieve shaker and plastic container may be placed under a dust hood for dust control when dry sieving.

The unit is wired for 110-115 VAC/1 Ph/50-60 Hz. For 220 V/1 Ph/50 Hz operation, plug sieve shaker into transformer (P/N 040B-002) and plug transformer into 220 V/1 Ph/50 Hz electrical outlet.

CAUTION: To avoid electrical shock, never immerse sieve shaker into water or spray water directly onto motor.

Wet Dry Sieve Shaker Parts

Catalog Number	Part Name	Qty Needed
040B-S001	Body Ring	1
040B-009	Vibrating Motor	1
040B-003	Rubber Motor Cap	1
040B-002	Voltage converter, 220V to 115V	1
040B-007	Notched 5 gallon bucket	1

Wet Dry Sieve Spray Assembly, which assures a even flow of water adequate to facilitate wet screening. 040B-036

