



## OPERATING MANUAL

### Wet/Dry Sieve Vibrator SS-23

#### INTRODUCTION:

The Wet/Dry Sieve Vibrator is used for simple size separation of solid particles. The unit accepts standard 8in diameter laboratory testing sieves and has a capacity of two full-height, or four half-height nesting sieves. The sieves are held in place by a friction fit with the resilient PVC coating. The optional SSA-20 notched plastic bucket accommodates the three legs of the shaker, and serves as a holding platform to catch the wet or dry fine discharge.

#### OPERATING INSTRUCTIONS:

##### A. Dry Sieving

A No.70 (212 $\mu$ m) sieve is the finest opening normally recommended for dry sieving with the SS-23. A finer opening may be used for free-flowing material.

Place the sieve shaker with sieves on a table or in the optional SSA-20 notched bucket, then introduce the sample on the top sieve. Install sieve cover and turn on the electrical switch. Lightly rapping the unit on the table changes the orientation of the bulk load. Also, an occasional gentle brushing of the sieve cloth may assist in complete sieving.

##### B. Wet Sieving

#### WARNING!

**ELECTRICAL HAZARD!** Insert plug into a ground fault circuit interrupter receptacle during wet operations.

**NOTE:** The supplied neoprene motor cover should be used during wet operations. **CAUTION** is advised that operating the vibrating motor for long periods will cause overheating and burn-out.

Wet screening may be accomplished with finer mesh openings. Put unit with the nesting screen(s) in the optional SSA-20 plastic bucket or over a sink drain. Place the sample on the top screen, turn on the electrical switch, and gently introduce water to the sample until undersize material has been eliminated. If the undersize material is to be retrieved, the wash water may be decanted or filtered.



SS-23 shown with SSA-20 & Sieves

#### ACCESSORIES:

The following accessories are available from Gilson for your Wet/Dry Sieve Vibrator:

**SSA-20:** 5gal Notched Bucket

Rev: 02/18/2013