

## 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 laboratory testing sieves and has a capacity of two full-height, or four half-height nesting test sieves. The Sieve Vibrator operates on a 115V,60Hz 3-wire cord and plug. For operation with 230V, order the TR-502 Step-Up/Step-Down Transformer. The optional SSA-20 Notched 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.200 (212 $\mu$ m) test sieve is the finest opening normally recommended for dry sieving with the SS-23. A finer opening may be used for free-flowing material.

SS-23 is designed for use with the SSA-20 Notched Bucket or Extended Rim Sieve Pan to collect fines. After placing the Sieve Vibrator over the Bucket or Sieve Pan, introduce the sample on the top test sieve. Install sieve cover and turn on the electrical switch. 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 with the cover in place will cause overheating and burnout.

Wet screening may be accomplished with finer mesh openings. Put unit with the nesting screen(s) in the optional SSA-20 Notched 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 using the optional WT-7 Spray Fitting or WT-5 Spray Bottle 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 & Test Sieves

### ACCESSORIES & REPLACEMENT PARTS

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

- **SSA-20:** Notched Bucket
- **WT-7:** Spray Fitting
- **WT-5:** Spray Bottle
- **TR-502:** Step-Up/Step-Down Transformer

#### REPLACEMENT PARTS:

- WGVR-COVER
- WGVR-MOTOR