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**STAR TRACE**<sup>®</sup>  
PRIVATE LIMITED

# LABORATORY ROTATING TAP SIEVE SHAKER



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**Single Source**

**Incorporated testing, design engineering, fabrication,  
and services to confirm tailor-made total systems**

## INTRODUCTION

Star Trace offers a range of products which are widely used across various laboratories and also hold diverse industrial applications. These wide range of products are manufactured according to industrial quality and standards. Backed by our excellent engineering and quality control team, we are able to satisfy the client requirement for various engineering products all over the world. With more than 20 years of experience in this field, we have been supplying technically accurate and superior products to our clients and have catered to the requirement of variety of sectors and clients.

## ROTATING TAP SIEVE SHAKER

Star Trace sieve shakers are used for laboratory testing of particle size and size distribution in samples of solid materials. Used for soils, geological materials, alloys and a host of other solid sample types that have individual particle sizes of from over 5" down to 20 microns.

Testing is accomplished by stacking a set of sieves of various sizes on top of each other, where the larger-hole sieves are on top and smaller-hole sieves are on bottom, in decreasing order.

A solid pan is at the bottom to catch all sample particles that can pass through the smallest sieve's openings.

The sieve shaker is an apparatus that holds the entire stack of testing sieves, mechanically shaking/rotating them in a circular motion and tapping the top of the stack at the same time.

These actions help the various sized particles to be able to move through the stack of sieves until they rest on a sieve whose openings are too small for them to pass through.

After a designated period of time of this mechanical shaking/tapping, the screens are removed from the rotap and each sieves contents are weighed up and recorded individually. From this data set, the % retained on each sieve is used to classify the size fractions present in the sample.

Model	ST-RSS8	ST-RSS9
Capacity	8" or 200 mm sieves	12" or 300 mm sieves
Sound Enclosure	Optional	
Construction	Cast Iron, Painted Mild Steel	
Motor	¼ HP	
Timer	0-60 Minutes	
Timer Type	Digital/Analog	
Standard	ASTM	
Power Supply	220 Volts	

## Single Source

### Corporate Headquarters

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