

Professional
Powder Equipment
Manufacturer



Powder
Equipment



Milling
Technology



Powder
Materials

TENCAN

Product Brochure



SIEVING SERIES

Stainless steel vibrating screen machine

ZS

Electric vibrating screen for soil analysis, powder metallurgy, mineral separation, ceramics, chemical, and lab testing. Durable stainless steel construction.

<https://www.labballmill.com/products/sieving-series/stainless-steel-vibrating-screen-machine.html>

Generated at 2026-07-28 14:44:43



TENCAN

Product Overview

Electric vibrating screen for soil analysis, powder metallurgy, mineral separation, ceramics, chemical, and lab testing. Durable stainless steel construction.



Product Introduction

Electric vibrating screens can generally be used for soil analysis, abrasive materials, powder metallurgy, coal power, mineral granulation, light industrial ceramics, yellow sand cement, construction chemicals, marine scientific research, ore crushing, college experiments, metal mineral processing, coal fields and oil fields, gravity and magnetic separation, testing samples, etc.

Stainless steel vibrating screen machines and laboratory screening machines are machines that cooperate with test sieves to analyze material particle size and replace manual screening. It is widely used in dry and wet screening and filtration of materials in food, medicine, metallurgy, building materials, chemicals, cement, glass, grain, ceramics, papermaking and other industries. It has the advantages of stable vibration, large exciting force, stable performance, fast screen changing speed, light weight, simple operation and easy maintenance. The basic principle is to use the weights (uneven weights) installed on the upper and lower ends of the motor shaft to convert the rotational motion of the motor into horizontal, vertical, and tilted three-dimensional motion, and then convey this motion to the screen surface. If the phase angle of the upper and lower weights is changed, the traveling direction of the raw material can be changed.

Technical parameters

1. Sieve diameter: 200mm
2. Number of sieve layers: 5 layers
3. Sieve hole size: customized by user
4. Sieve shaking times: 1400 rpm
5. Power: 120W
6. Overall dimensions: 415*285
7. Total weight: 30kg

Product Features

1. The network layer can be quickly replaced without any tools. The number of network layers can be up to 8.;
2. It can be equipped with an automatic control timer and can be set from 1 to 60 minutes. ;
3. Any powder, liquid or granular form can be used ;
4. The screen powder will not fly, the liquid will not spray randomly, and the particles will not jump ;
5. Use mesh size from 3.5 mesh to 400 mesh.

Accessories & Customization

Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.