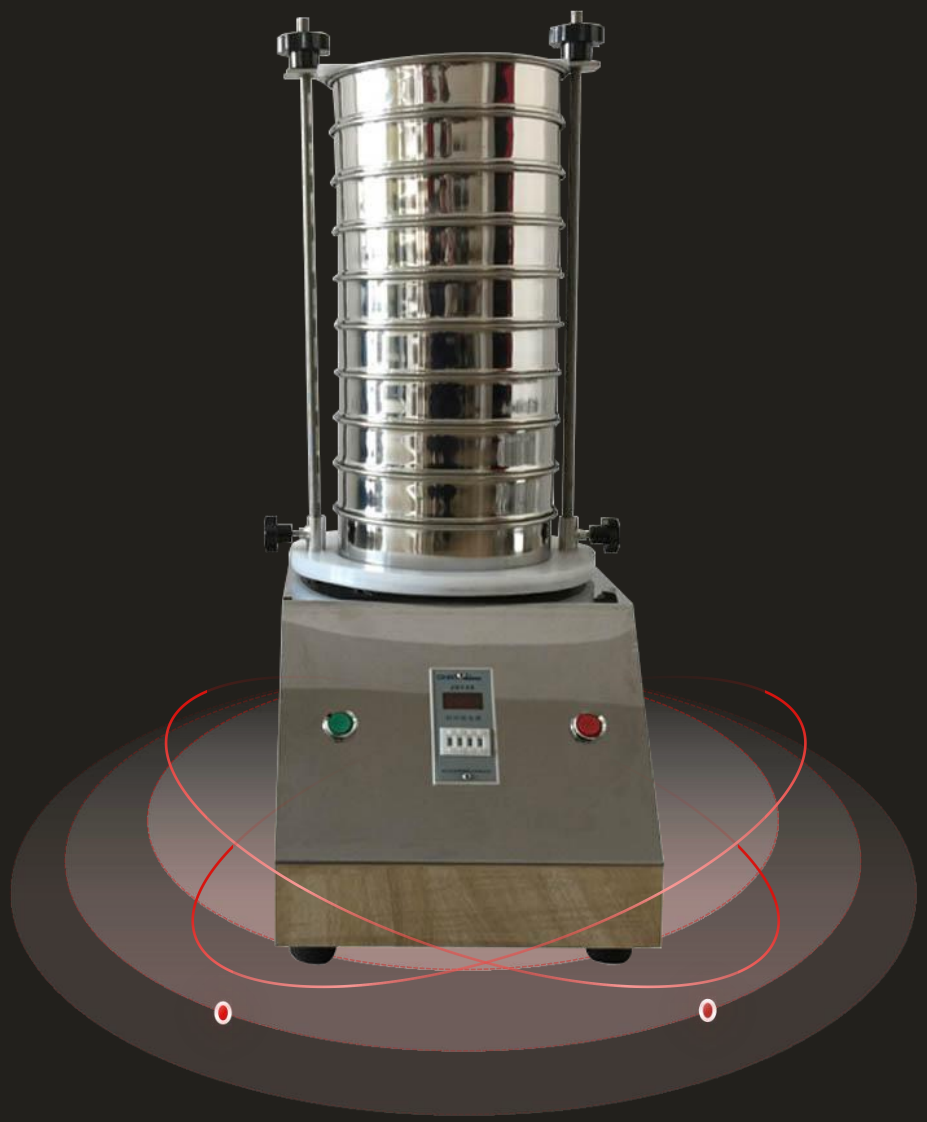
SYT Expert in Powder Processing Solutions for 30 Years



Lab Test Sieve

The lab test sieve shaker is a standard inspection sieve (also called test sieve, sample dividing sieve, and analytical sieve). is made for the purpose of particle size distribution measurement, and the determination of impurity content or solid content in liquid, which are extensively used in scientific laboratories and quality inspection departments.

Test sieve shaker has strict mesh size regulations, with diameters of 200mm and 300mm. For special requirements, 75mm is available. The mesh number of the screen frame ranges from 8 mesh to 500 mesh. The larger the mesh number, the smaller the holes.



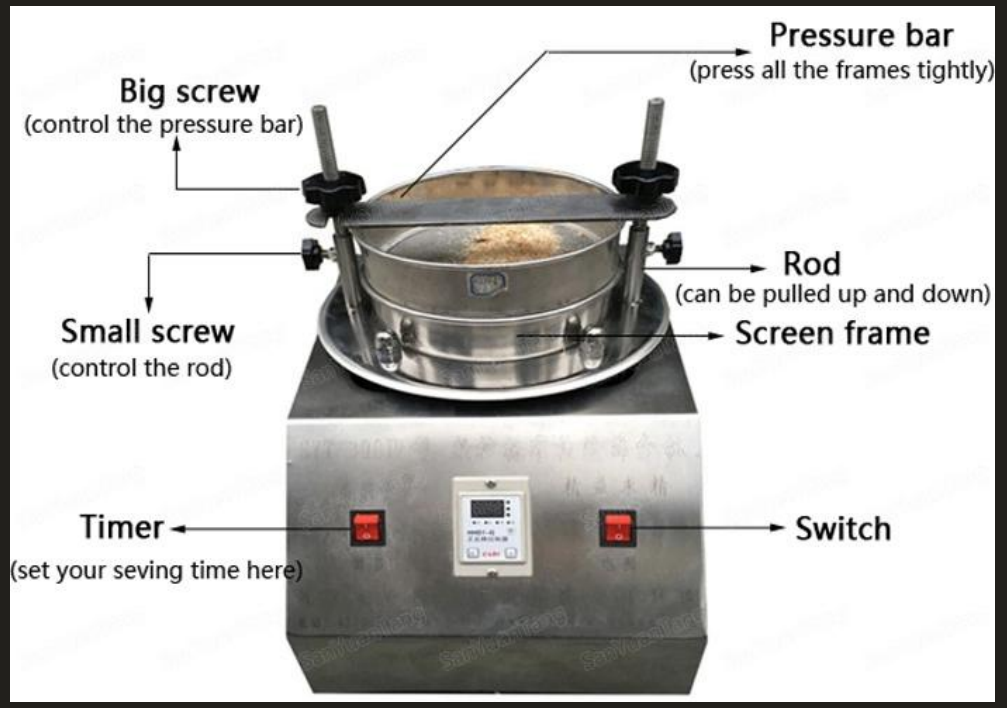




Working Principle

The standard screen uses a YZU vertical vibration motor as the vibration source. The vibration motor drives the upper vibration plate to vibrate, and then the vibration plate is transmitted to the Φ200 screen frame placed on the upper part of the vibration plate.

Then the screen frame that needs to detect the mesh size Material particles with mesh apertures are screened to the lower sieve frame, so that only materials with the same particle size remain in each layer of test sieves, achieving separation of different particle sizes and determining the particle size composition of the material, so that the materials in the Φ200 type sieve frame can be very effectively It serves the purpose of filtering, classifying and screening.



Features

01 The overall test sieve shaker machine is light in weight, small in shape and volume, simple in operation, and easy to move.

02 Low noise, high efficiency, accurate precision, can sieve to 0.025-3mm.

03 The whole machine is made of high-quality SUS304 stainless steel, corrosion resistant.

04 Adopting digital display relay, timed automatic shutdown, and accurate control of sieving time.

05 Multi-layer optional, 1 kind of material can be sieved 2-8 particle sizes at the same time.

06 Powder, particles can be sieved, professionally for material size analysis.

07 For materials with strong adsorption, easy agglomeration, high static electricity, and light specific gravity, an ultrasonic device can be added.

Operation Instructions



We adopt a well-qualified new type of energy generator generating multi-dimensions high frequent vibration to ensure highly efficient sieving and determination. According to different materials features, customers can set different working times by adjusting the electric time controller so that the analysis errors can be reduced to a minimum and therefore guaranteed analysis results unanimously.

Application










It applies in the accurate analysis of granularity structures of particle and power materials, and the testing analysis of solid content in liquid for laboratories, quality control rooms, and scientific research departments. The testing sieve is widely used in testing analysis of chemical, pharmaceutical, food, building materials, powder metallurgy, and material in the processing process of sewage and wastewater from the environmental protection industry.

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