

**Application**

TPZ-1 / GZS-1 High Frequency Vibrating Sieve Machine is mainly used for the analysis of the gradation of non-cohesive dry granular materials. The machine is developed with reference to the characteristics of similar machines abroad, adopting a desktop, high-frequency vibration structure. It has the characteristics of small volume, light weight, low noise and low power consumption. It is suitable for sieve analysis of sand and soil with particle size less than or equal to 20mm and greater than 0.075mm. It is a special instrument for testing the particle size of materials in the soil, geotechnical, highway, grain and light chemical industries.

**Main technical parameters**

- a. Vibration frequency 500 times/min
- b. Vibration mode Up and down
- c. Vibration amplitude 1.5mm
- d. Timing any from 0 to 60 minutes
- e. Vibrating motor power AC220V, 25W
- f. Selection of standard analytical sieve size apertures 20-0.075(mm)

Φ 200 X 50 (Grade 9)

or Φ 300 X 75 (Grade 7)

**Notes**

- a. Instrument net weight: 16Kg
- b. Dimensions: 430X430X 750(mm<sup>3</sup>)

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