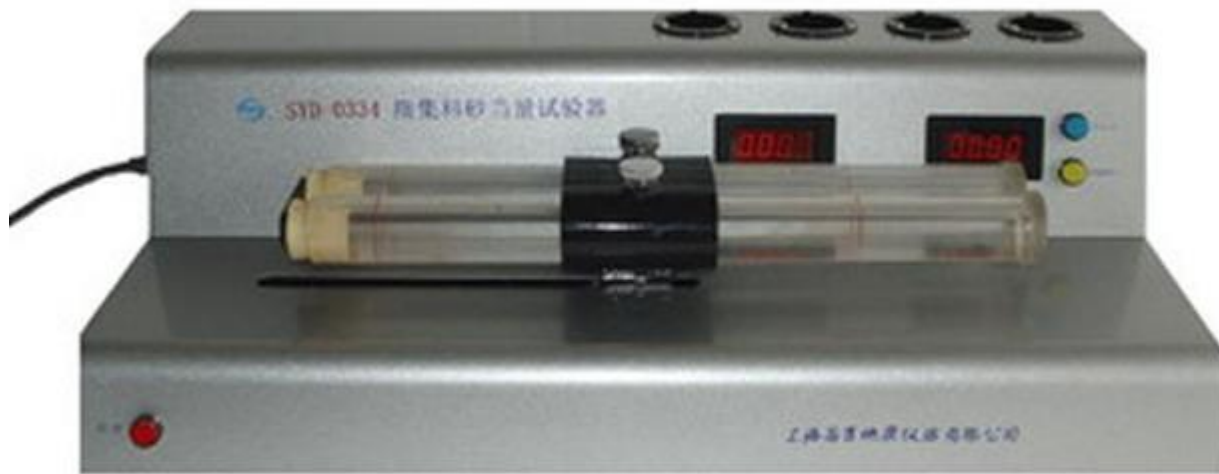


SYD-0334 Fine Aggregate Sand Equivalent Tester



Summary

This instrument is designed and made as per T 0334 Sand Equivalent Test for Fine Aggregate in JTJ 058-2000 Specification and Test Methods of Aggregate for Highway Engineering. It is used to determine the cohesive soil content or impurity content in fine aggregates. The sand equivalent is expressed by SE. The maximum particle diameter shall be less than 4.75mm (The diameter of the sieve is 5mm)

I. Main technical features

1. Double-barrelled design. It can do the parallel oscillation automatically for two samples at a time. The working efficiency is high.
2. Desktop structure. The oscillating frequency and time are both displayed on a LED screen. It can complete a periodic oscillation after a sample is loaded.

II. Main technical specifications

1. Oscillating cycle: (180 ± 2) times/min
2. Amplitude of cylinder: $203 \text{mm} \pm 1.0 \text{mm}$
3. Power supply: AC $(220 \pm 10\%)$ V, 50Hz
4. Rated power: 130 W
5. Weight of piston: $1 \text{kg} \pm 5 \text{g}$
6. Dimension of test cylinder: Inner diameter is $32 \text{mm} \pm 0.25 \text{mm}$. Length is 420mm
7. Flushing pipe: OD is $6 \text{mm} \pm 0.5 \text{mm}$, ID is $4 \text{mm} \pm 0.2 \text{mm}$
8. Ambient temperature: $\leq 35^\circ \text{C}$
9. Relative humidity: $\leq 85\%$
10. Net weight: 20 kg
11. Dimension: $564 \text{mm} \times 320 \text{mm} \times 360 \text{mm}$