

- ◆ Originally named sub sieve sizer, Fisher Scientific USA developed such technique first time and thus also named fisher sub sieve sizer. It is a commercially available permeability instrument for measuring envelope-specific surface area, after that calculate the averaged particle size.
- ◆ Fisher subsieve sizer and fisher sub sieve sizer refer to the same product used to measure the averaged particle size of powders by air permeation method, also named average particle size analyzer.
- ◆ A Sub-Sieve Sizer is a scientific instrument operating on the air-permeability principle to measure the average particle size of powders.
- ◆ FSSS is the abbreviation of a fisher sub-sieve sizer.
- ◆ Fisher sub sieve sizing method is a relatively simple method of particle size measurement, It is based on the measurement of air speed through the powder heap collective, the average particle size of powder is thus obtained based on Kozeny-Carman formula. ISO 10070 describes as Metallic powders-Determination of envelope-specific surface area from measurements of the permeability to air of a powder bed under steady-state flow conditions. ASTM B 330 describes as Standard Test Method for Fisher Number of Metal Powders and Related Compounds.

[Back To Fisher Sub Sieve Sizer](#)