

History of Air Jet Sieve Shaker

- An air jet sieve shaker is a sieve shaker using air jet to move the particles pass the sieve cloth in order to sieve it.
- The first air jet sieve is developed by HOSOKAWA ALPINE in 1950 and the model is Air Jet Sieve 200
- Over years HOSOKAWA ALPINE developed more and more air jet sieves, in 1960 Air Jet Sieve A 200
- In 2000 HOSOKAWA ALPINE upgrades model to Air Jet Sieve 200 LS-N
- During such period AimSizer, a company of world leading lab instruments supplier HMK Test also made his contribution to the enterprise of air jet sieving machine.
- HMK-200 Air jet sieve is a product integrating all necessary functions of an air jet sieve such as timed working time, negative air pressure etc.
- AimSizer also develops cyclone sample collector to collect the undersize samples.
- **HMK-200 Air Jet Sieve** is a particle size analysis sieving machine for the laboratory use. It uses latest air jet technology to determine particle size distribution of dry powders. Being widely used in almost every industry it has become a standard test equipment in the lab. HMK-200 [Air Jet Sieve](#) features high performance and reliable test results. Such machine is designed for particle size analysis of particles from 5 micrometer up to 5,000 micrometer. The test procedure is optimized by a timer up to 99 minutes which saves operator's much time. Compact elegance and light weight make it easy to transport in the lab. HMK-200 is an analytical sieve shaker. It is equipped with an undersize [Cyclone Sample Collector](#) with efficiency as accurate as 99.99%. A transparent standard test sieve cover contributes to a simple and intuitive operation. HMK-200 air jet sieve uses a vacuum to generate negative pressure in order to effectively separate particles. The diameter of the sieving tank is 200 mm(8") designed for 200 mm standard test sieve. In addition to normal samples, it suits powdered materials that require particular dispersion and disagglomeration.

- [HMK-200 Air Jet Sieve Introduction](#)
- [HMK-200 Air Jet Sieve Specifications](#)
- [HMK-200 Air Jet Sieve Features and Functions](#)
- [HMK-200 Air Jet Sieve Applications](#)
- [HMK-200 Air Jet Sieve Demonstration Video \(working alone\)](#)
- [HMK-200 Air Jet Sieve Demonstration Video \(working with cyclone sample collector\)](#)
- [The Principle of Operation of Air Jet Sieve HMK-200](#)
- [Buy Together With Air Jet Sieve](#)

- [ISO 4610 - ISO Standard About Air Jet Sieve](#)
- [ASTM D5158 - ASTM Standard About Air Jet Sieving](#)
- [Sieve retention\(Oversize\)](#)
- [How to Do Sampling Before Air Jet Sieve Analysis?](#)
- [Air Jet Sieve Analysis Sample Preparation](#)

[HMK-200 Air Jet Sieve Shaker](#)