

AIR JET SIEVE



Vector Alpine-R, a device designed for accurate particle size analysis of dry materials. With a measuring range from 5 μ m to 4 mm, this air jet sieve is ideal for various industries, including chemistry, plastics, food, pharmaceuticals, and more.



VTR-1014



Vector Air Jet Sieve

Precision Particle Size Analysis

Advanced Technology

The Vector Air Jet Sieve utilizes a slotted nozzle and an industrial vacuum to create a vacuum inside the sieving chamber. This accelerates air through the sieve mesh, effectively separating fine particles for precise and reliable analysis.

Built with high-quality materials and an ergonomic design, the Vector Alpine-R ensures long-term reliability and accuracy in particle size analysis. Its silent operation and efficient dispersion capabilities make it a valuable tool for quality control of fine bulk goods.

Key Features

- Wide Measuring Range: 5 µm to ~4 mm
- Efficient Dispersion: Air jet technology for effective particle separation
- Batch Capacity: Handles samples from 0.3 to 1000 grams
- Digital Controls: Adjustable speed and time for precise operation
- Vacuum Range: 1,000 to 6,000 Pa
- USB Interface: Easy data transfer and integration
- User-Friendly Interface: 7-inch touch panel for intuitive operation
- Quality Assurance: CE certified and ISO

Suitable for dry sieving of a wide range of materials, the Vector Air Jet Sieve is perfect for:

- Cement and Building Materials
- Pharmaceutical Powders
- Food Ingredients
- Chemical Substances
- Plastic Granulates

Adjustable nozzle speed and the Open Mesh Function enhance sieving efficiency, reducing near-mesh particles and improving accuracy.

Conclusion

Combining advanced technology with a user-friendly design, the Vector Air Jet Sieve delivers precise particle size analysis for a wide range of industries. Its innovative features and reliable performance make it the ideal solution for your particle analysis needs.

The Vector Air Jet Sieve complies with international quality standards, being both CE certified and ISO 9001 compliant.



Vector Air Jet Sieve

Precision Particle Size Analysis

User-Friendly Design

Featuring a clear 7-inch touch screen, the Vector Air Jet Sieve allows easy setting of parameters and monitoring of the sieving process. The option for automatic vacuum regulation ensures reproducible and meaningful results with minimal effort.



TECHNICAL SPECIFICATION

Measuring Range	5 µm to ~4 mm
Sieving Method	Dispersion by air jet
Batch Capacity	0.3 to 100 grams
Adjustable Speed	Digital, adjustable from touch screen
Adjustable Time	Digital, adjustable from touch screen
Vacuum Range	1,000 to 6,000 Pa
Suitable for Dry Sieving	Yes
Interface	USB port for data transfer
Control Panel	7-inch touch screen
Sieve Diameter	200 mm Ø (adaptors available for different sizes)
Power Supply	220 V, 50/60 Hz
Dimensions (W x H x D)	50x45x25
Certifications	CE certified, ISO 9001 compliant