



WE 'R' FINE



NEW

AIR JET SIEVING MACHINE AS 200 JET

BENEFITS

- Wide measuring range from 10 µm to 4 mm
- Gentle sieving with short sieving times
- Reproducible results due to Open Mesh Function
- 1-button operation with graphic display and Quick Start Mode
- Automatic vacuum regulation (option)
- Suitable for RETSCH standard test sieves Ø 200 mm
- Memory for 9 parameter combinations
- Automated evaluation with Software EasySieve® possible

www.retsch.com/as200jet

Retsch®

Solutions in Milling & Sieving

a VERDER company

RELIABLE DRY SIEVING:
■ POWDERS AND PRODUCTS WHICH TEND TO AGGLOMERATE

IDEAL FOR:
■ CATALYSTS, CONSTRUCTION MATERIALS, FLOUR, PHARMACEUTICAL PRODUCTS, PLASTICS, SPICES

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AIR JET SIEVING MACHINE AS 200 JET

Quick and gentle quality control of fine powders

The new air jet sieve AS 200 jet is particularly suitable **for light materials with particle sizes in the lower micron range**. It is used with sieves of **10 microns mesh size or more**. The procedure is very gentle on the material as no mechanical sieving aids are required. The average sieving time is 2-3 minutes.

Performance data	AS 200 jet
Applications	separation, fractioning, particle size determination
Feed material	powders, bulk materials (e.g. catalysts, construction materials, flour, pharmaceutical products, plastics, spices)
Measuring range*	10 µm to 4 mm
Max. batch / feed capacity*	approx. 100 g
Max. number of fractions	1 (2 with cyclone)
Adjustment of sieving parameters	
Nozzle speed	digital, 5 - 55 min ⁻¹
Time	digital, 00:00 - 99:59 min
Vacuum	0 - 9999 Pa / 0 - 100 mbar
Memory for 9 sieving programs	yes
Suitable for sieving of wet products	no
Serial interface	yes
Sieving motion	dispersion by air jet
Technical data	
Suitable sieve diameters	RETSCH standard test sieves Ø 200 mm
Height of sieve stack	up to 50 mm
W x H x D	460 x 288 x 305 mm
Net weight	approx. 14 kg

*depending on feed material and used test sieve

Order data

Air jet sieving machine AS 200 jet	Item No.
AS 200 jet with manual vacuum regulation (for test sieves 200 mm Ø), incl. cover and rubber mallet (Please order test sieve and vacuum cleaner separately)	
AS 200 jet for 100-240 V, 50/60 Hz	30.027.0001
Accessories	
Industrial vacuum cleaner	32.748.0000
Cyclone with holder and collector (50 ml wide-mouth bottle)	32.935.0007
Automatic vacuum regulation	32.100.0002
Spare cover made of Perspex	09.107.0396

For additional accessories such as test sieves please refer to our web site www.retsch.com

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Well-proven functionality for optimum results

An industrial vacuum cleaner generates a jet of air which disperses the particles on the sieve through the slotted nozzle. The material which is smaller than the mesh size of the sieve is transported by the back flow of the air to the vacuum cleaner or to a **cyclone for complete recovery**.

The air jet helps to deagglomerate the particles and constantly purges the sieve mesh. The sieving machine can be optionally equipped with an **automatic vacuum regulation** which constantly monitors and maintains the air flow thus increasing the reproducibility of the sieving process.

Sieving time and nozzle speed are conveniently set with a single button, the settings are shown in the **graphic display**. The **Quick Start Mode** allows to start the sieving process under standard conditions without entering parameters.

The RETSCH software EasySieve® can be used for the **automated evaluation and documentation**.

RETSCH – Your specialist for sample preparation offers you a comprehensive range of equipment. Please request information on our crushers, mills, sieve shakers, sample dividers, feeders as well as cleaning and drying machines.