



## СИТОВА МАШИНА AIR JET AS 200 JET

**The Air Jet Sieving Machine AS 200 jet is particularly suitable for low density and low particle size materials which tend to agglomerate. It is used with sieves of 10 microns mesh size and up. The procedure is very gentle on the material as no mechanical sieving aids are required. The average sieving time is only 2-3 minutes.**

The AS 200 jet is specifically designed for test sieves with a diameter of 203 mm/8" (or 200 mm with adapter). The air jet generated by an industrial vacuum cleaner can be adjusted by using the manual vacuum regulation. Optionally, an automatic vacuum regulation is available. The Open Mesh Function, a procedure which greatly reduces the number of near-mesh particles, provides optimum separation efficiency, excellent reproducibility and a longer service life of the sieves. Sieving time and nozzle speed are conveniently selected with a single button; the settings are shown in the graphic display. The Quick Start Mode is used to start the sieving process under standard conditions without entering parameters.



## ACCURACY & EFFICIENCY

- | Air jet technology for dispersion and deagglomeration
- | Measuring range 10 µm to 4 mm
- | Quick, efficient procedure
- | Open Mesh Function reduces near-mesh particles
- | Digital parameter setting (time, vacuum, speed)
- | Quick Start option
- | Variable nozzle speed
- | Automatic vacuum regulation and cyclone (options)
- | Memory for 9 Standard Operating Procedures (SOPs)
- | Suitable for RETSCH standard sieves

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## АКСЕСОАРИ И ОПЦИИ

RETSCH sieve shakers can be equipped with a variety of accessories to meet a wide range of application requirements.



### Cyclone with holder and collecting receptacle

To extend the service life of the filters in the vacuum cleaner and for recovery of the sample fraction passing the sieve, we recommend the use of the optional cyclone. The separation degree and limiting particle size respectively depend on the sample characteristics.



### Test sieves 10 µm and up

RETSCH test sieves consist of a solid stainless steel sieve frame of high stability for reliable sieving results. Paying close attention to mesh-specific requirements, the fabric of each test sieve is precisely joined into the frame and tautened.



### Делители на проби

Значими резултати могат да бъдат получени само ако пробата представлява оригиналния материал. Разделителите на проби произвеждат представителни частични проби, като по този начин осигуряват възпроизводимостта на анализа.



### Ultrasonic baths and dryers

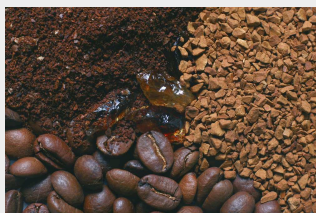
Suitable for thorough cleaning of test sieves and for quick, gentle drying of samples and sieves.

**RETSCH TEST SIEVES AND ACCESSORIES - ENGINEERED FOR SUPERIOR PERFORMANCE**

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## ТИПИЧНИ МАТЕРИАЛИ ЗА ПРОБА

RETSCH's Air Jet Sieve AS 200 jet is ideally suited for separation, fractioning and particle size determination of pharmaceutical materials, ceramics, chemical products, cosmetics, food, minerals, pigments, plastics, powder coating, rubber, toner particles and washing powder.



кафе



подправки



ЦИМЕНТ



ПОЛЕЗНИ ИЗКОПАЕМИ

To find the best solution for your sample preparation task, visit our application database.

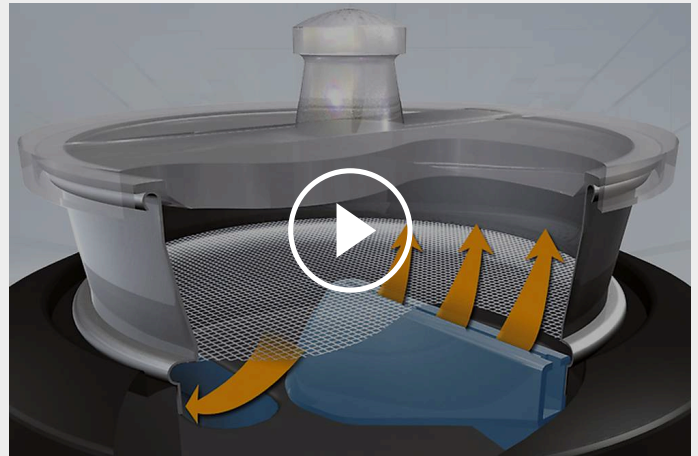
## EASYSIEVE / EASYSIEVE CFR СОФТУЕР ЗА ОЦЕНКА

EasySieve, the software for particle size analyses, exceeds manual evaluation in many aspects. The software is able to automatically control the necessary measurement and weighing procedures – from the registration of the weight of the sieve up to the evaluation of the data. It is simple and convenient to use and is also available in an FDA 21 CFR Part 11-conform version.



## ПРИНЦИП НА РАБОТА

AS 200 jet е екипирана с въртяща се дюза. Ситото и капака са закрепени над дюзата. Чрез вакуум се постига мощна въздушна струя в дюзата, която разпрашава частиците по ситото. Частиците, които са по-малки от отворите на ситото се транспортират посредством въздушната струя в циклон или в прахосукачката. Въздушната струя помага за разделяне на частиците и постоянно почиства отворите на ситото.



[Click to view video](#)

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## TECHNICAL DATA

<b>Приложения</b>	разделяне, фракциониране, определянето на размера на частиците
<b>Област на приложение</b>	геология / металургия, медицина / фармация, околната среда / рециклиране, строителни материали, стъкло / керамика, химия / пластмаси, храна
<b>Материали</b>	прахове
<b>Обхват на измерване*</b>	10 микрона - ~ 4 мм
<b>Пресяващо движение</b>	дисперсия от въздушна струя
<b>Макс. капацитет</b>	0.3 - 100 гр.
<b>Макс. брой на фракциите</b>	1 (при ползване на аксесоар Циклон: 2)
<b>Настройване на скоростта</b>	дигитално, 5 - 55 об./мин. (скорост на дюзата)
<b>Дисплей за времето на пресяване</b>	digital, 00:10 - 99:59 min
<b>прекъсната работа</b>	не
<b>Настройване на вакуума</b>	2,000 - 9,999 Pa / 20 - 99 mbar / 0.3 - 1.45 psi
<b>Запаметяване на настройки</b>	9 / Режим на бърз старт
<b>Подходящ за сухо пресяване</b>	да
<b>Подходящ за мокро пресяване</b>	не
<b>Връзка с компютър</b>	да
<b>Включват сертификат / може да бъдат калибрирани</b>	да
<b>Диаметри на ситата</b>	203 мм (200 мм с адаптер)
<b>Макс. височина на стека сита</b>	1 sieve (25 mm (1") / 50 mm ( 2"))
<b>Аксесоари</b>	циклон / автоматично регулиране на вакуума
<b>Данни за електрозахранването</b>	100-240 V, 50/60 Hz
<b>Захранване</b>	еднофазово
<b>Ш x В x Д</b>	460 x 288 x 305 мм (без капак)
<b>Нетно тегло</b>	~ 16 kg
<b>Стандарти</b>	CE


\*в зависимост от захранващият материал и настройките на инструмента\*

[www.retsch.bg/as200jet](http://www.retsch.bg/as200jet)


## ДАННИ ПОРЪЧКА


### AIR JET SIEVING MACHINE AS 200 JET

**Air Jet Sieving Machine for test sieves 203 mm (8") Ø, with manual vacuum regulation, incl. lids for test sieves 1" and 2" height and rubber mallet**  
**(please order test sieve and vacuum cleaner separately)**


30.027.0001  AS 200 100–240 V, 50/60 Hz incl. test report acc. to EN 10204 2.2  
jet

### VACUUM CLEANER AS 200 JET

32.748.0004  Industrial vacuum cleaner GM 80, 230 V, 50/60 Hz (other electrical versions available) only for 30.027.0001


32.524.0010  Main filter for industrial vacuum cleaner GM 80, 1 piece

32.524.0011  HEPA filter unit for industrial vacuum cleaner GM 80, incl. 1 HEPA filter

32.524.0012  HEPA filter for industrial vacuum cleaner GM 80, 1 piece


32.100.0004 Automatic vacuum regulation AS 200 jet

### CYCLONE AS 200 JET

32.935.0008  Cyclone with holder and collecting receptacle (250 ml and 500 ml sample bottle)  
(industrial vacuum cleaner GM 80 (32.748.0004) recommended) only for 30.027.0001

### ACCESSORIES AS 200 JET / JET PRO / JET PHARMA

02.025.0070  Adapter and lids for test sieves 200 mm Ø x 50 mm and 200 mm Ø x 25 mm

03.107.0487  Spare lid for test sieves 203 mm (8") Ø x 1"

03.107.0448  Spare lid for test sieves 203 mm (8") Ø x 2"

22.523.0001



Sample bottles, 250 ml, 10 pieces

22.523.0002



Sample bottles, 500 ml, 10 pieces

## TEST SIEVES WITH ELECTROFORMED SHEET

60.142.000010 Test sieve with electroformed sheet (ISO 3310-3), 203 mm Ø, 25 mm height, 10 µm

60.142.000016 Test sieve with electroformed sheet (ISO 3310-3), 203 mm Ø, 25 mm height, 16 µm

## ADDITIONAL ITEMS AIR JET SIEVING MACHINES

99.200.0003 IQ/OQ Documentation for AS 200 jet

## RECALIBRATION AIR JET SIEVING MACHINES

**The Retsch Air Jet Sieving Machines can be calibrated at Retsch/Germany or at selected subsidiaries/agents**

SER-97.001.0001 Calibration of AS 200 jet at Retsch/Germany  
incl. test report acc. to EN 10204 2.2