

# VIBRATORY SIEVE SHAKER AS 200 BASIC



The **vibratory sieve shakers** of the series AS 200 are used in research & development, quality control of raw materials, interim and finished products as well as in production monitoring. The **controllable electromagnetic drive** offers an **optimal adaption** for every product. **Sharp fractions** are obtained even after **short sieving times**.

The AS 200 basic sieve shaker is **the economical alternative** of the series with familiar **RETSCH quality and reliability**. It features digital setting and display of performance and time.

## APPLICATION EXAMPLES

cement clinker, chemicals, coffee, construction materials, fertilizers, fillers, flours, grains, metals powders, minerals, nuts, plastics, sand, seeds, soils, washing powder, ...

## PRODUCT ADVANTAGES

- | NEW: digital display of performance and time
- | suitable for dry and wet sieving
- | excellent separation efficiency even with short sieving times
- | efficient electromagnetic drive
- | 3-D throwing motion which ensures optimum use of the open sieve area and lets the sample move equally over the whole sieving surface
- | sieve stack up to 510 mm height
- | free adjustment of all process parameters (time, performance)
- | optional comfort clamping device
- | optional evaluation software EasySieve
- | maintenance-free
- | easy operation, ergonomic design

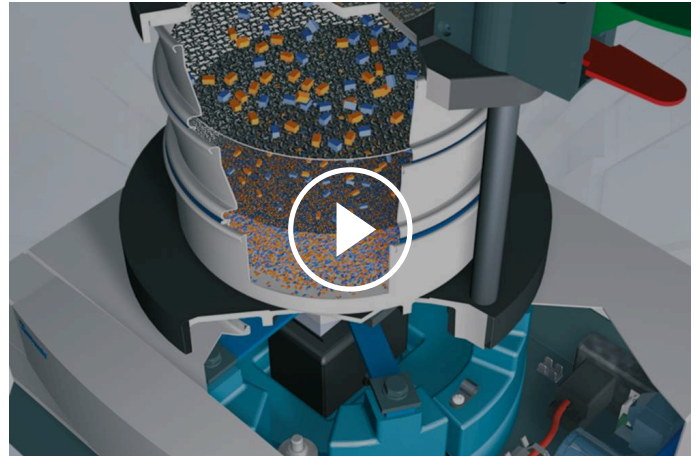
## FEATURES

<b>Applications</b>	separation, fractioning, particle size determination
<b>Field of application</b>	agriculture, biology, chemistry / plastics, construction materials, engineering / electronics, environment / recycling, food, geology / metallurgy, glass / ceramics, medicine / pharmaceuticals
<b>Feed material</b>	powders, bulk materials, suspensions
<b>Measuring range*</b>	20 µm - 25 mm
<b>Sieving motion</b>	throwing motion with angular momentum
<b>Max. batch / feed capacity</b>	3 kg
<b>Max. number of fractions</b>	9 / 17
<b>Max. mass of sieve stack</b>	4 kg
<b>Amplitude</b>	digital, 1 - 100% (0 - 3 mm)
<b>Controlled amplitude</b>	-
<b>Time display</b>	digital, 1 - 99 min
<b>Suitable for dry sieving</b>	yes
<b>Suitable for wet sieving</b>	yes
<b>USB interface</b>	-
<b>Including test certificate / can be calibrated</b>	-
<b>Suitable sieve diameters</b>	100 mm / 150 mm / 200 mm / 203 mm (8")
<b>Max. height of sieve stack</b>	510 mm
<b>Clamping devices</b>	"standard", "comfort", each for wet and dry sieving
<b>Protection code</b>	IP 54 / IP 20
<b>Electrical supply data</b>	different voltages
<b>Power connection</b>	1-phase
<b>W x H x D</b>	417 x 212 x 384 mm
<b>Net weight</b>	~ 35 kg
<b>Standards</b>	CE

## FUNCTION PRINCIPLE

Each vibratory sieve shaker of the series AS 200 is equipped with an electromagnetic drive that is patented by RETSCH (EP 0642844). This drive produces a 3D throwing motion that moves the product to be sieved equally over the whole sieving surface.

The advantage: high stress capacity, extremely smooth operation and short sieving times with high separation efficiency.



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