

VIBRATORY SIEVE SHAKER AS 200 DIGIT CA



The **analytical 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 digit cA sieve shaker is recommended whenever **controlled amplitude**, digital display of vibration height and time and **interval operation** are required.

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: controlled amplitude
- | 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
- | maintenance-free
- | sieve stack up to 510 mm height
- | free adjustment of all process parameters (time, amplitude)
- | interval operation (fix 10 s)
- | digital display of vibration height and time
- | easy operation, ergonomic design

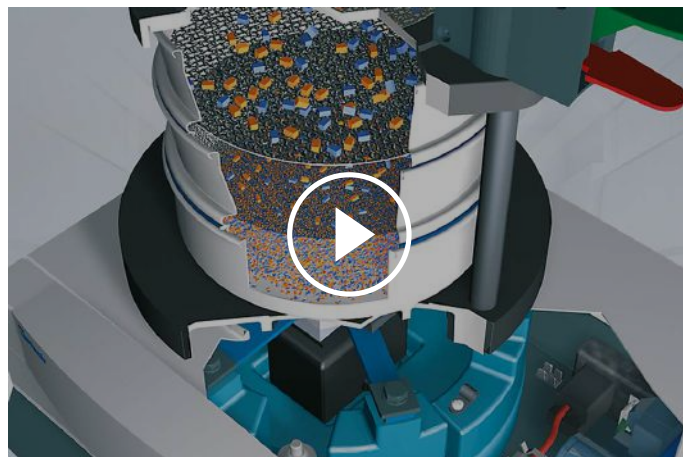
FEATURES

Applications	separation, fractioning, particle size determination
Field of application	agriculture, biology, chemistry / plastics, construction materials, engineering / electronics, environment / recycling, food, geology / metallurgy, glass / ceramics, medicine / pharmaceuticals
Feed material	powders, bulk materials, suspensions
Measuring range*	20 µm - 25 mm
Sieving motion	throwing motion with angular momentum
Max. batch / feed capacity	3 kg
Max. number of fractions	9 / 17
Max. mass of sieve stack	4 kg
Amplitude	digital, 0.2 - 3.0 mm
Controlled amplitude	yes
Time display	digital, 1 - 99 min
Interval operation	10 s
Storable SOPs	1
Suitable for dry sieving	yes
Suitable for wet sieving	yes
USB interface	-
Including test certificate / can be calibrated	-
Suitable sieve diameters	100 mm / 200 mm / 203 mm (8")
Max. height of sieve stack	510 mm
Clamping devices	"standard", "comfort", each for wet and dry sieving
Protection code	IP 54 / IP 20
Electrical supply data	different voltages
Power connection	1-phase
W x H x D	417 x 212 x 384 mm
Net weight	~ 35 kg
Standards	CE

*depending on feed material and instrument configuration/settings

FUNCTIONAL PRINCIPLE

All sieve shakers of the series AS 200 work 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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www.retsch.com/as200digit