

Vibratory Sieve Shaker AS 200 digit cA

General Information

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 450 mm height
- free adjustment of all process parameters (time, amplitude, interval)
- interval operation
- 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

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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 / 150 mm / 200 mm / 203 mm (8")
Max. height of sieve stack	450 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

Please note:

*depending on feed material and instrument configuration/settings

Videolink



<http://www.retsch.com/as200digitca>

Function 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

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