Vibratory Sieve Shaker AS 200 control

General Information

NEW

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 very short sieving times.

With its all-digital controls, up to 99 sieving programs and calibration certificate the sieve shaker AS 200 control is indispensable for all users who attach importance to precision and operational convenience and need to comply with the guidelines of the ISO 9001.

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: up to 99 sieving programs
- NEW: low noise operation thanks to optimized control
- NEW: USB connection for use of EasySieve software
- 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
- setting of sieve acceleration "g" for comparable and reproducible sieving results worldwide
- sieve stack up to 620 mm height
- free digital adjustment of all process parameters (time, amplitude or sieve acceleration, interval)
- interval operation
- optional sieve software EasySieve for control of the shaker, easy evaluation and documentation of results
- fulfils all criteria for measuring equipment related to ISO 9001
- calibration certificate
- easy operation, ergonomic design
- maintenance-free

Vibratory Sieve Shaker AS 200 control
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	11 / 23
Max. mass of sieve stack	6 kg
Amplitude	digital, 0.2 - 3 mm
Controlled amplitude	yes
Sieve acceleration	1.0 - 15.1 g
Time display	digital, 1 - 99 min
Interval operation	1 - 99 s
Storable SOPs	99
Suitable for dry sieving	yes
Suitable for wet sieving	yes
USB interface	yes
Including test certificate / can be calibrated	yes
Suitable sieve diameters	100 mm / 150 mm / 200 mm / 203 mm (8")
Max. height of sieve stack	620 mm
Clamping devices	"standard", "comfort", each for wet and dry sieving
Protection code	IP 54 / IP 20
Electrical supply data	100-240 V, 50/60 Hz
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

Vibratory Sieve Shaker AS 200 control
Videolink

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

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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.