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Vibratory Sieve Shaker AS 200 control

Order code: **1306.300320001**



Information about product price on demand

Parameters

Device type

Device

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:

- up to 99 sieving programs
- low noise operation thanks to optimized control
- 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 550 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

Technical data

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 - 99s
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	550 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
Dimensions (w x h x d)	417 x 212 x 384 mm
Net weight	~ 35 kg
Standards	CE

Note: *depending on feed material and instrument configuration/settings