# Vibratory Sieve Shaker AS 200 control

## 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 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.

# Wolf Laboratories Limited

**www.wolflabs.co.uk**

Wolflabs

Tel: 01759 301142 Fax:01759 301143 sales@wolflabs.co.uk

## Use the above details to contact us if this literature doesn't answer all your questions.

## 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.**