

## Tap Sieve Shaker AS 200 tap

### General Information

The analytical sieve shaker AS 200 tap is used in research & development, quality control of raw materials, interim and finished products as well as in production monitoring.

Its tapping motion supports the sieve analysis of certain products such as activated carbon, abrasives, metal powder, spices and diamonds, as specified in the corresponding standards.

### Application Examples

abrasives, cement, charcoal, coal, diamonds, spices, ...

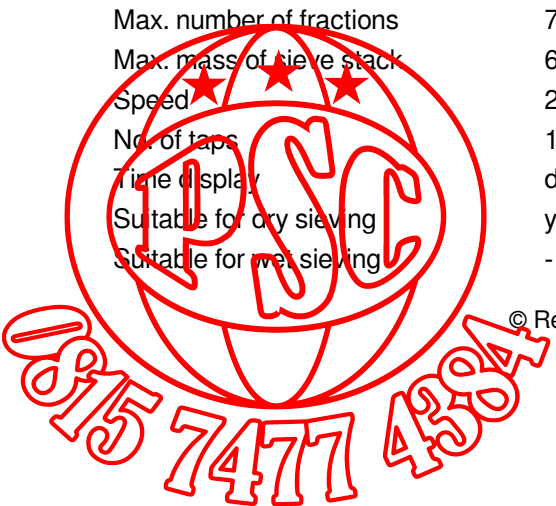
### Product Advantages

- horizontal circular sieving motion with vertical taps
- maintenance-free
- suitable for dry sieving
- excellent separation efficiency even with short sieving times
- sieve stack up to 350 mm height
- digital time setting
- easy operation, ergonomic design
- optional software EasySieve for control through RS232 serial interface, easy evaluation and documentation of results
- fulfils all criteria for measuring equipment related to ISO 9001



### 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
Measuring range*	20 µm - 25 mm
Sieving motion	horizontal circular motion with taps
Max. batch / feed capacity	3 kg
Max. number of fractions	7 / 13
Max. mass of sieve stack	6 kg
Speed	280 min <sup>-1</sup>
No. of taps	150 min <sup>-1</sup>
Time display	digital, 1 - 99 min
Suitable for dry sieving	yes
Suitable for wet sieving	-



## Tap Sieve Shaker AS 200 tap

Serial interface	yes
Including test certificate / can be calibrated	-
Suitable sieve diameters	200 mm / 203 mm (8")
Max. height of sieve stack	350 mm
Protection code	IP 54 / IP 20
Electrical supply data	different voltages
Power connection	1-phase
Power consumption	180 W
W x H x D	700 x 650 x 450 mm / with sound enclosure cabinet: 735 x 675 x 530 mm
Net weight	~ 68 kg / with sound enclosure cabinet: ~ 92 kg

### Please note:

\*depending on feed material and instrument configuration/settings

### Videolink



<http://www.retsch.com/as200tap>

### Function Principle

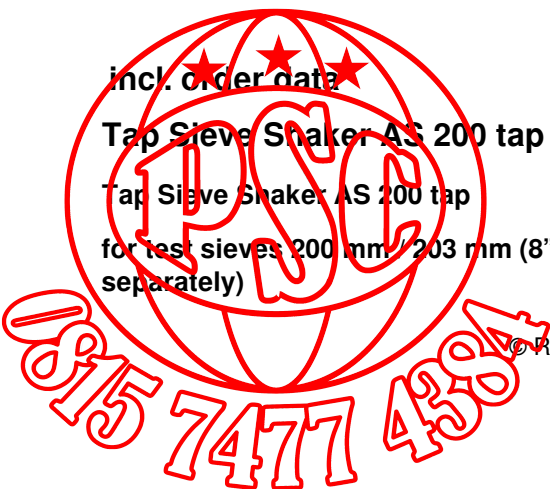
In the AS 200 tap, mechanical action is applied to the test sieves in two dimensions. In addition to a horizontal circular motion with 280 oscillations, a vertical tapping motion with 150 taps per minute helps the particles to pass the sieve apertures. This combination of sieving motions simulates hand sieving. The number of oscillations and taps is independent of the power frequency which makes the sieving results of the AS 200 tap comparable world wide.

incl. order data

Tap Sieve Shaker AS 200 tap

Tap Sieve Shaker AS 200 tap

for test sieves 200 mm / 203 mm (8") Ø, incl. sieve lid (please order test sieves and collecting pan separately)



## Tap Sieve Shaker AS 200 tap

30.025.1001

AS 200 tap, 230 V, 50 Hz, incl. sound-enclosure cabinet, conforms with CE standards

30.025.0001

AS 200 tap, 230 V, 50 Hz

**other electrical versions available for the same price**

## Sieve stacks AS 200 tap

60.131.000998

Sieve stack consisting of 6 test sieves (ISO 3310-1), 200 mm Ø, 50 mm height (63 µm, 125 µm, 250 µm, 500 µm, 1 mm, 2 mm) and collecting pan

60.150.000998

Sieve stack consisting of 6 test sieves (ASTM E11), 203 mm (8") Ø, 50 mm (2") height (230 mesh, 120 mesh, 60 mesh, 35 mesh, 18 mesh, 10 mesh) and collecting pan

22.783.0001

Additional items AS 200 tap

99.200.0021

Ball-pan hardness test kit

IQ/OQ Documentation for AS 200 tap

**[Click here to find our whole test sieve range](#)**

## Accessories for test sieves (pans, rings, lids)

69.720.0050

Collecting pan, stainless steel, 200 mm Ø, height 50 mm

### For test sieves 200 mm Ø, height 25 mm

69.720.0025

Collecting pan, stainless steel, 200 mm Ø, height 25 mm

### For test sieves 203 mm Ø / 8" Ø, height 2"

69.720.3050

Collecting pan, stainless steel, 8" Ø, height 2"

### For test sieves 203 mm Ø / 8" Ø, height 1"

69.720.3025

Collecting pan, stainless steel, 8" Ø, height 1"

