



## SIKTEMASKIN AS 200 TAP

**The RETSCH AS 200 tap is suitable for dry sieving with test sieves of 200 mm or 8" diameter. The combination of horizontal, circular sieving motions with vertical taps reproduces the principle of hand sieving. The uniform mechanical action ensures reliable and reproducible measurement results.**

This special type of sieving motion used by the AS 200 tap is specified in various standards for particle size analysis of materials such as activated carbon, diamonds, spices, metal powders, abrasives or cement. Operating the AS 200 tap is exceptionally easy and safe. The integrated clamping device allows for sieve stacks with up to 7 or 13 fractions, depending on the height of the sieve frame. The sieving time is set from 1 to 99 minutes via a digital display. The number of rotations and taps is fixed; the tapping motion can be deactivated, if required. A safety switch and an anti-trap protection provide maximum safety. Thanks to an integrated interface, the AS 200 tap can be controlled with the evaluation software EasySieve®.



## ACCURACY & EFFICIENCY

- | Sieving with circular motion and vertical taps according to standards
- | Measuring range 20 µm to 25 mm
- | For 200 mm / 8" sieves
- | Sieve stack up to 350 mm
- | Digital time setting
- | Integrated interface
- | Suitable for dry sieving

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## ACCESSORIES & OPTIONS

RETSCH sieve shakers can be equipped with a variety of accessories to meet a wide range of application requirements.



### | Accessories for test sieves

Collecting pans, intermediate pans, intermediate rings and sieve lids.

### | Sieving Aids

Chain rings, brushes, cubes, balls (e.g. for reducing agglomerations when sieving particles < 100 µm and keeping the mesh free).

### | IQ/OQ Documents

We provide IQ/OQ documentation for the „control“ sieve shakers to support IQ/OQ certification by our customers.

### | Sample Dividers

Meaningful results can only be obtained if the sample represents the original material. Sample dividers produce representative part samples, thus ensuring reproducibility of the analysis.

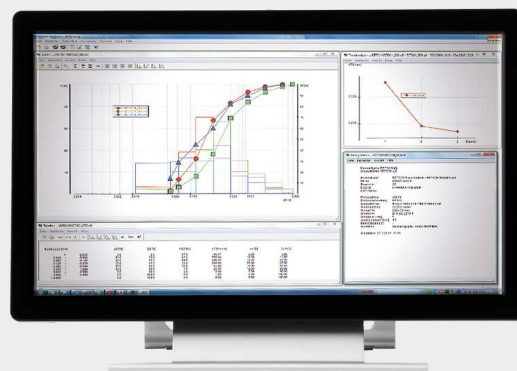
### | Ultrasonic baths and dryers

Suitable for thorough cleaning of test sieves and for quick, gentle drying of samples and sieves.

**RETSCH TEST SIEVES AND ACCESSORIES - ENGINEERED FOR SUPERIOR PERFORMANCE**

## PROGRAMVARE FOR EVALUERING – EASY SIEVE

EasySieve, the software for particle size analyses, exceeds manual evaluation in many aspects. The software is able to automatically control the necessary measurement and weighing procedures – from the registration of the weight of the sieve up to the evaluation of the data. It is simple and convenient to use and is also available in an FDA 21 CFR Part 11-conform version.



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## TYPICAL SAMPLE MATERIALS

RETSCH's Analytical Sieve Shaker AS 200 tap is ideally suited for separation, fractioning and particle size determination of abrasives, charcoal, cement, coal, diamonds and spices.



*sand*



*diamanter*



*coal*



*krydder*

To find the best solution for your sample preparation task, visit our application database.

## VIRKEMÅTE

AS 200 tap arbeider med en horisontalt roterende bevegelse av siktetårnet på 280 min<sup>-1</sup>. For å lette siktingen overføres omtrent som ved håndsikting bankeimpulser med frekvensen 150 min<sup>-1</sup> via siktedekselet til siktetårnet. Vibrasjonene og bankeimpulsene er uavhengige av nettspenningen og sørger derfor for sammenlignbare sikteresultater uavhengig av hvor i verden siktingen er foretatt

## SIKTEMASKIN AS 200 TAP

### TECHNICAL DATA

|                                            |                                                                                                                                                                                |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>funksjon</b>                            | separering, fraksjonering, bestemmelse av partikkelstørrelse                                                                                                                   |
| <b>bruksområde</b>                         | biologi, byggematerialer, geologi / metallurgi, glass / keramikk, kjemi / plast, landbruk, maskinbygging / elektroteknikk, matvarer, medisin / legemidler, miljø / gjenvinning |
| <b>matemateriale</b>                       | pulver, massegoods                                                                                                                                                             |
| <b>måleområde*</b>                         | 20 µm - 25 mm                                                                                                                                                                  |
| <b>bevegelse av siktematerialet</b>        | horisontalt kretsende bevegelse med bankeimpuls                                                                                                                                |
| <b>maksimal ladning / siktemateriale</b>   | 3 kg                                                                                                                                                                           |
| <b>maksimalt antall fraksjoner</b>         | 7 / 13                                                                                                                                                                         |
| <b>maksimal vekt på siktematerialet</b>    | 6 kg                                                                                                                                                                           |
| <b>turtall</b>                             | 280 min <sup>-1</sup>                                                                                                                                                          |
| <b>bankeimpulser</b>                       | 150 min <sup>-1</sup>                                                                                                                                                          |
| <b>tidsvisning</b>                         | digital, 1 - 99 min                                                                                                                                                            |
| <b>egnet for tørrsikting</b>               | ja                                                                                                                                                                             |
| <b>egnet for våtsikting</b>                | -                                                                                                                                                                              |
| <b>serielt brukergrensesnitt</b>           | ja                                                                                                                                                                             |
| <b>med testsertifikat / kan kalibreres</b> | -                                                                                                                                                                              |
| <b>egnede siktediametre</b>                | 200 mm / 203 mm (8")                                                                                                                                                           |
| <b>maksimal høyde på siktematerialet</b>   | 380 mm                                                                                                                                                                         |
| <b>kapslingstype</b>                       | IP 40                                                                                                                                                                          |
| <b>Elektriske tilkoblingsdata</b>          | ulike spenninger                                                                                                                                                               |
| <b>Nettilkobling</b>                       | 1-fase                                                                                                                                                                         |
| <b>kraftforbruk:</b>                       | 315 VA                                                                                                                                                                         |
| <b>b x h x d</b>                           | 700 x 640 x 450 mm / with sound enclosure cabinet: 700 x 670 x 520 mm                                                                                                          |
| <b>nettovekt</b>                           | ~ 68 kg / with sound enclosure cabinet: ~ 92 kg                                                                                                                                |

\*avhengig av matemateriale og apparatkonfigurering / apparatinnstillinger

[/as200tap](#)

## BESTILLINGSINFO

### TAP SIEVE SHAKER AS 200 TAP

**Tap Sieve Shaker AS 200 tap for test sieves 200 mm / 203 mm (8") Ø, incl. sieve lid and EasySieve evaluation software (please order test sieves and collecting pan separately)**

|             |                                                                                   |                            |                                                              |
|-------------|-----------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------|
| 30.025.1001 |  | AS 200 230 V, 50 Hz<br>tap | incl. sound-enclosure cabinet, conforms with<br>CE standards |
|-------------|-----------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------|

|             |                                                                                   |                            |
|-------------|-----------------------------------------------------------------------------------|----------------------------|
| 30.025.0001 |  | AS 200 230 V, 50 Hz<br>tap |
|-------------|-----------------------------------------------------------------------------------|----------------------------|

**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 |
|---------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### ADDITIONAL ITEMS AS 200 TAP

|             |                                                                                     |                                                  |
|-------------|-------------------------------------------------------------------------------------|--------------------------------------------------|
| 22.783.0001 |  | Ball-pan hardness test kit acc. to ASTM D3802-79 |
|-------------|-------------------------------------------------------------------------------------|--------------------------------------------------|

|             |                                    |  |  |
|-------------|------------------------------------|--|--|
| 99.200.0021 | IQ/OQ Documentation for AS 200 tap |  |  |
|-------------|------------------------------------|--|--|

FOR TEST SIEVES 200 MM Ø, HEIGHT 50 MM

|             |                                                                                     |                |                 |          |              |
|-------------|-------------------------------------------------------------------------------------|----------------|-----------------|----------|--------------|
| 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"