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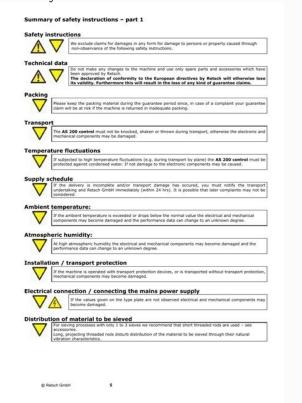
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## Retsch as 200 control manual

expert\_guide\_sieving\_en56 Pages Retsch GmbH Function & Features Downloads Order Data Request a quote RetschProductsSievingSieve ShakersAS 200 control 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. The AS 200 control can be calibrated to ensure 100% reproducibility of reversibility of reversibility



Up to 99 parameter combinations (SOPs) can be stored for routine analyses. Through the integrated interface the instrument can be connected to a PC and controlled with the evaluation software EasySieve®. This program enables the user to control the whole sieving process and the subsequent documentation with convenience and accuracy. Vibratory Sieve Shaker AS 200 control Wet sieving with Vibratory Sieve Shakers There are many applications for which wet sieving is the best solution, e.g. when the material to be tested is a suspension or when a very fine sample (< 45 µm) that tends to agglomerate needs to be sieved.



All vibratory sieve shakers from RETSCH can be used for wet sieving. There are special accessories like clamping lids with spray nozzle and collecting pans with outlet available. By placing RETSCH's venting rings between the sieves, air cushions can expand without letting liquid or sample material escape. Vibratory Sieve Shaker AS 200 control Accessories & Options The sieve shakers of the control series can be equipped with a variety of accessories to provide for a wealth of application requirements. With the RETSCH clamping devices "comfort" are particularly user-friendly and timesaving. Accessories for test sievesCollecting pans, intermediate rings and sieve lids. Accessories for wet sievingClamping lid with nozzle, collecting pans with outlet, venting rings. Chain rings, brushes, cubes, cubes, balls (e.g. for reducing agglomerations when sieving particles < 100 µm and keeping the mesh free). We provide IQ/OQ documentation for the "control" sieve shakers to support IQ/OQ certification by our customers. Meaningful results can only be obtained if the sample represents the original material. Sample dividers produce representative part samples, thus ensuring reproduce representation for the analysis. Ultrasonic baths and dryersSuitable for thorough cleaning of text samples, 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 compliant version. Vibratory sieve shakers are frequently used for grain size analysis of cement clinker, chemicals, coffee, construction materials, fertilizers, fillers, flours, grains, metals powders, minerals, nuts, plastics, sand, seeds, soils



To find the best solution for your sample preparation task, visit our applicationseparation, fractioning, particle size determinationField of applicationsgriculture, biology, chemistry / plastics, construction materials, engineering / electronics, environment / recycling, food, geology / metallurgy, glass / ceramics, medicine / pharmaceuticalsFeed materialpowders, bulk materials, suspensionsMeasuring range\*20 µm - 25 mmSieving motionthrowing motion with angular momentumMax. batch / feed capacity3 kgMax. number of fractions11 / 22Max. mass of sieve stack6 kgAmplitudedigital, 0.2 - 3 mmControlled amplitudeyesSieve acceleration1.0 - 15.1 gTime displaydigital, 1 - 99 minInterval operation1 - 99 sStorable SOPs99Suitable for dry sievingyesSuitable for wet sievingyesSuitable sieve diameters100 mm / 200 mm / 2