

Task:**Application field:** Environment**Material:** Clay**Feed size:** 0 - 1 mm**Feed quantity:** 150 g**Material specification(s):** soft**Customer requirement(s):** Wet sieving < 500 µm**Subsequent analysis:** Particle Size Analysis**Solution:****Selected instrument(s):** AS200 control Analytical Sieve Shaker**Configuration(s):** Test sieves 200 x 50mm acc. DIN ISO 3310/1;
aperture size: 1.0 / 0.5 / 0.250 / 0.125 / 0.040 mm
collecting pan with outlet; wet sieving cover;
venting rings**Parameter(s):** Amplitude 1.3 mm**Time:** 5 min.**Achieved result(s):** After 5 min. the sieving process is finished without any problems.**Remark(s):** Before sieving the sample has been dispersed in water with 2 - 3 drops of a detergent in order to reduce the surface tension of the water.
After putting the suspension on the upper sieve the machine can be started.
Without using venting rings water cushions can occur.**Recommendation:** For wet sieving clay our Sieve Shaker AS 200 control is suitable under the above mentioned conditions.

The application report is based solely on the processing of the available sample material in the indicated amount. No legal claims shall be derived from this test report.

Subject to technical modification and errors.

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