RETSCH PRODUCT RANGE

Visit us at www.retsch.com, and you will find further information such as news, product info, brochures, videos for download, search for applications and many more.

BB 51



BB 100



BB 200



Ultra Centrifugal Mill ZM 200



SR 200/SR 300



SK 100



GRINDOMIX GM 200



SM 100



BB 300





DM 200



RS 200



MM 200



MM 400



Planetary Ball Mill PM 100



PM 200





Sieve Shaker AS 200 basic/digit/control



Sieve Shaker





AS 200 tap



Test Sieves Otap Evaluation Software EasySieve®









DR 100







UR 1/UR 2/UR 3







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Getsch For uncompromised analyses!

RETSCH Equipment represents a level of convenience and cutting-edge technology that can only come from many decades of expertise and leadership in sample preparation.

Do you want to learn more about RETSCH Mills and Sieve Shakers? Watch our product videos at www.retsch.com.







Planetary Ball Mill

Trituration of moist soil samples with sodium sulphate (Na₂SO₄)

- For quantities up to 190 ml
- Gentle grinding process,
- Mortars and pestles in 7 different materials, including hard porcelain and agate

4-in-1-mill for perfect homogenization

- Ideal for pulverization of small sample volumes < 10 g
- Grind size < 5 microns
- Fast grinding of small volumes in two grinding stations, dry, wet and cryogenic
- No loss of material due to screwtop grinding jars 1.5 ml to 50 ml, in 6 different materials
- Memory function

Pre-crushing of agglomerated soils with stones to < 2 mm

- Feed size up to 150 mm, grind size down to <0.5 mm)
- High degree of size reduction
- Continuous gap width setting
- Zero point adjustment for wear compensation
- Breaking jaws made from many different materials
- Safe and user-friendly
- With overload protection
- Connector for dust removal
- No-rebound feed hopper with quick-release clamp
- Easy-to-clean crushing chamber
- Process line versions of BB 200 and BB 300 available

Cross Beater Mill

Effective size reduction of dry clay

- Batchwise and continuous preliminary and fine size reduction of medium-hard and brittle materials with a hardness up to 6 Mohs
- Feed size up to 15 mm, grind size < 100 µm
- Easily exchangeable bottom sieves from 0.12 to 10 mm
- 4 different materials (incl. version for heavy-metal-free grinding)

PARTICLE SIZERS

- Measuring range 20 microns 25 mm
- Sample quantity up to 3 kg; 9 or 17 fractions; sieve stacks 200 mm/8"
- Silent, maintenance-free electromagnetic drive
- High accuracy in short ■ Reproducible results with
- Larger models for 305/400 mm
- Calibration certificate

- Measuring range from 30 µm to 30 mm
- Very short measurement time
- 2 Full Frame Matrix Cameras
- Excellent compatibility to sieve analysis
- Highest reproducibility of measuring



PLANETARY BALL MILLS

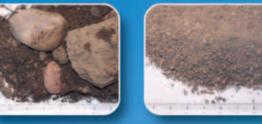
Suitable for sample preparation for heavy metal analyses (95% < 100 μ m) with grinding jars of zirconium oxide or agate

- High-speed drive for extremely short grinding times
- Gentle size reduction with less warming of the sample
- Feed size up to 10 mm, grind size < 1 µm
- Speed and energy controls for reproducible results

■ EZ-use safety clamp

- Great flexibility due to large range of grinding sets 12 ml to 500 ml, of 6 different materials including Zirconium oxide and agate
 - Gas-tight grinding jars are especially suitable for the determination of volatile substances
 - Perfect stability on the bench with counterweight and vibration compensation sockets

www.retsch.com



++ Mixer Mills +++ Planetary Ball Mills +++ Centrifugal Ball Mills +++ Sieve Shakers ++ Evaluation Software +++ Test Sieves +++ Sample Dividers +++ Sample Diviters +++ Vibratory Feeders +++ Rapid Dryers +++ Ultrasonic Baths



in the Jaw Crsuher BB 200



