RETSCHE 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 much more.

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Sample Preparation for the Metallurgical Industry

Within the RETSCH range of mills and sievers there is a specialist for every application. But what they have in common is that they produce a perfectly homogeneous, unaltered and uncontaminated sample so that the subsequent analysis is always trustworthy and meaningful. If you require professional solutions that combine high performance, ease of use, a maximum of operational safety and a long lifetime, then RETSCH’s equipment is your only choice!
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.

Sample preparation for spectral analyses (XRF, ICP, AAS) and many others

Powerful pre-crushing – superior in detail

**JAW CRUSHERS**
- Feed size up to 150 mm, grind size down to d_{10} < 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

Jaw Crusher BB 300

Jaw Crusher BB 50

Jaw Crusher BB 100

Jaw Crusher BB 200

Planetary Ball Mill PM 400

Vibratory Disc Mill RS 200

Pellet presses that suit your needs and budget – but all will press perfect pellets, even of difficult materials

**PELLET PRESSES**
- Pellet Press PP 25
  - The economic alternative for manual pelleting. Pressure up to 25 tons.
- Pellet Press PP 40
  - Controlled pressure force, build-up and release for high throughput operation. Pressure up to 40 tons.

Pellet Press PP 40

Sample Divider PT 100

Only representative samples guarantee meaningful analysis results!

**SAMPLE DIVIDER**
- Division of powdered or granular materials into 6, 8, or 10 representative sub-samples
- www.retsch.com/pt100

High-speed fine grinding for ultra-fineness to submicron size

**PLANETARY BALL MILLS**
- Feed size up to 10 mm, grind size < 1 μm
- Powerful drive allows use of all jar sizes, including the large 500 ml jar, at full speed
- Suitable for long-term and continuous grinding
- Due to their low-vibration, benchtop models can be run unsupervised
- Speed and energy controls for reproducible results
- Continuous ventilation of chamber allows wet grinding with solvents
- Available with 1, 2 or 4 grinding stations for grinding of up to 8 samples at the same time

Planetary Ball Mill PM 400

Vibratory Disc Mill RS 200

Fine grinding of hard, abrasive substances

**VIBRATORY DISC MILL**
- Feed size up to 15 mm, grind size < 40 μm
- Powerful Stabilized-Plane-Drive
- Excellent reproducibility
- Analytical fineness in seconds
- Grinding sets in different sizes and materials
- Tungsten carbide grinding sets suitable for abrasive sample materials
- 1-button operation with graphics display
- Sealed, noise-insulated grinding chamber
- Robust and safe

www.retsch.com/rd200

www.retsch.com/bb300

www.retsch.com/bb200

www.retsch.com/bb100

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