

## Sample Wrong – Analysis Wrong!

Errors in sample preparation, above all in dividing the laboratory sample, accumulate in the course of the process and cannot be compensated, even by the most up-to-date analytical instruments. Only the exact division of the entire sample into representative fractions will guarantee exact and unbiased analytical results!

RETSCH offer a range of instruments for the representative sample division of bulk materials which operate with different functional principles. Scientific investigations have proven that rotating rifflers, such as RETSCH's PT 100, are the most accurate systems. Inhomogeneous samples up to 5000 ml can be fed to the PT 100 via the Vibratory Feeder DR 100. After the division, **the composition of each fraction of the sample corresponds exactly to that of the original bulk sample.** This is a crucial precondition for meaningful and reliable analysis results.

### The benefits of the PT 100 at a glance:

- Extremely high division accuracy
- Modular design
- Extraction of 6, 8 or 10 samples
- Automatic material feed via synchronized feeder
- Easy clamping of laboratory bottles with "snap fit" system

The RETSCH product range also includes sample dividers for larger quantities such as the PK 1000 or the sample splitter RT in different sizes for manual division.

A **product video** of all sample dividers can be watched or downloaded from the homepage [www.retsch.com](http://www.retsch.com).

Retsch is a global company dedicated to providing novel technologies and high quality tools for the sample preparation of solids used in R&D and QA applications as well as small scale production. For more information about Retsch's complete product line of mills and grinders, sample dividers, sieve shakers and test sieves, please contact us at [marketing@retsch.de](mailto:marketing@retsch.de) or phone + 49 2129/5561-0.

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