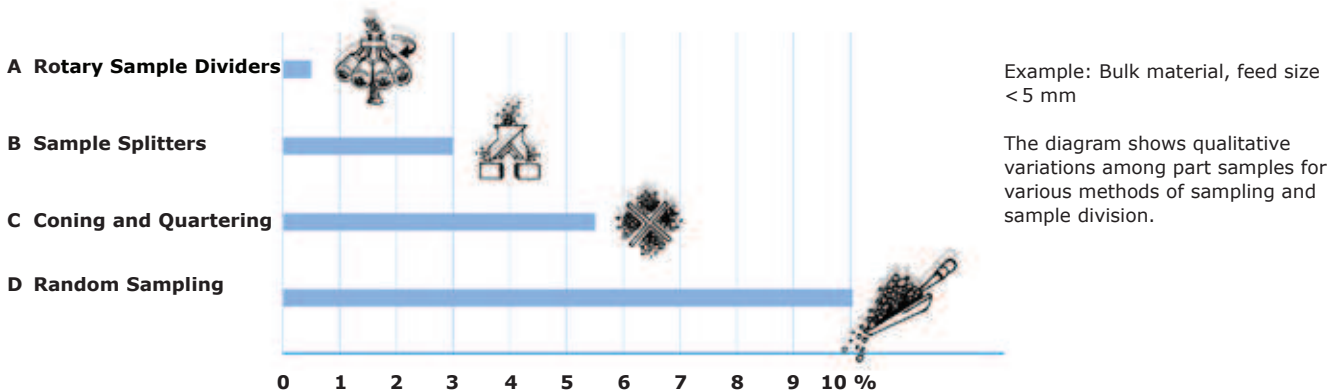


Assisting – The Key to Greater Efficiency in the Laboratory

From representative, reproducible sampling and sample division to uniform, continuous material feed; from efficient preparation of solid pellets for XRF analysis to rapid cleaning of grinding tools and test sieves to gentle sample drying: RETSCH offers a comprehensive range of useful assistants which enhance the performance of our mills and sieve shakers even further and ensure reliable analysis results.

Comparison of different sampling and sample division methods



RETSCH sample dividers divide all pourable solids up to 10 mm so accurately that the characteristic composition of each fraction of the sample corresponds exactly to that of the original bulk sample.

Sample Divider PT 100

Working with the RETSCH Sample Divider PT 100 is easy and convenient. Material feed with the Feeder DR 100 is automatic and synchronized: this means representative sample division right from the start. The sample is divided under consistent operating conditions every time.

- Representative and reproducible division thanks to reliable method
- Compact, maintenance-free and easy to clean due to modular design
- Digital time setting
- Convenient quick-release clamping system for sample vessels
- Automatic material feed via synchronized feeder DR 100
- Constant rotation thanks to speed monitoring
- Low noise drive



The Sample Divider PT 100 is available with different dividing heads and sample vessels

Ultimate Division Accuracy

PT 100

Sample Divider PT 200

The RETSCH rotating tube divider PT 200 is an indispensable tool for representative dust-free division and volume reduction of large bulk samples. It is suitable for powdered or granular bulk materials with particle sizes up to 10 mm. The rotating tube divider is available with bottom cones for 1, 2 or 3 samples. The slot width adjusts the ratio of the fractions and therefore the amount of the part sample.

- Exact dividing method ensures representative and reproducible results up to 30 l
- Compact, maintenance-free and easy to clean due to modular design
- Digital time setting and automatic material feed via synchronized feeder
- Constant rotation thanks to speed monitoring
- Low noise drive
- Extraction of 1–3 part samples
- Dividing process according to DIN 51701/T 4
- Batch and continuous operation possible



PT 200

Exact Division of Large Volumes

Sample Splitters RT 6.5–RT 75

RETSCH sample splitters are used for the simple division and reduction of bulk materials of all kinds. Sample splitters are ideal for on-site reduction of samples. They are easy to use and clean and do not need an electrical power supply.




- Accurate manual dividing process
- For use in the laboratory and on-site
- Robust; easy and quick cleaning
- Available in 6 sizes



RT 6.5–RT 75

Accurate Manual Division

Sample Dividers at a Glance

	Sample Dividers		
			
Model	PT 100	PT 200	RT 6.5–75

Applications	sample division/reduction	sample division/reduction	sample division
Feed material	bulk materials	bulk materials	bulk materials
Number of divided samples	6, 8 or 10	1, 2 or 3	2
Feed size*	< 10 mm	< 10 mm	< 4–50 mm
Volumes of sample vessels	30, 100, 250, 500 ml	250, 500 ml, 30 l	0.3 l, 1.5 l and 8 l
More information on	www.retsch.com/pt100	www.retsch.com/pt200	www.retsch.com/rt

*depending on feed material and instrument configuration