



NEXOPART RPT

For small samples or high-precision dividing.

NEXOPART

simplicity for your lab

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The sample splitter produces small but representative sample quantities of solids and suspensions and is combined with high-accuracy analytical measuring instruments. It is used in research, development and process monitoring laboratories.

Rotating sample splitter combine three dividing methods in one unit and provide the best possible sample reducing available today. The sample is fed to a dividing cone that emulates the process of quartering and coning. The sample material on its surface is accelerated outwards by rotation and is divided through guide channels into up to 30 individual samples. The individual samples are collected in 250 ml and 500 ml glass screw-top bottles which can be easily and reliably secured by means of a quick-release clamp. The rotation and number of dividing channels enable variable dividing conditions to be achieved up to 3,000 dividing steps per minute. This means that each sample consists of a very large number of individual samples - a mark of accurate sample division.

The NEXOPART RPT is made from food-grade materials, is easy to clean and is fitted with a low-maintenance drive motor with safety clutch.

Advantages of the NEXOPART RPT:

- representative sample division at the rate of 1:8, 1:10 or 1:30
- suitable for dry- and wet-division
- easy handling
- integrated adjustable feeder with continuous regulated vibration intensity
- prevention of inhomogenities and segregations
- easier material flow caused by high rotating speed of the cone (approx. 100 U/min.)

TECHNICAL SPECIFICATIONS AT A GLANCE.

	NEXOPART RPT 1:8	NEXOPART RPT 1:10	NEXOPART RPT 1:30
Max. Sample quantity	4000 ml	2500 ml	300 ml
Max. Particle Size	10 mm	10 mm	2,5 mm
Max. Load quantity per cycle	4000 ml	2500 ml	300 ml
Volume of sample tubes	250, 500 ml*	250 ml*	15, 20, 30, 32 ml
Funnel	Ø 10 mm	Ø 10 mm	Ø 5 mm
Dimensions	609 x 383 x 660 mm (L x W x H)		
Operating voltage	230 volt or 110 volt with transformer		
Frequency	50-60 Hz		
Weight	approx. 30 kg		

* For dividing the smallest sample quantities, a sample container of 32 ml can be inserted into the 250 ml and 500 ml sample tubes.

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