



PRODUCT BULLETIN

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Rotary Cone Sample Divider

For representative sample dividing of solids and suspensions with a dividing accuracy of 99.9 %.
Division ratio: depending on the used dividing head 1:8, 1:10, 1:30 max. particle size: depending on the used dividing head 2.5 mm, 10 mm max. sample quantity: depending on the used dividing head 300 ml, 2.500 ml, 4.000 ml

Typical fields of application:

Rotary Cone Sample Divider form a symbiosis with extremely accurate analytical instrumentation. They are used in research, development and quality control laboratories to provide small but representative sample quantities for true analysis. The "laborette 27" can also be used for the division of liquid media or suspensions - without conversion.

Method of operation:

The Rotary Cone Sample Divider "laborette 27" enables a accurate sample division by a combination of three principles of division within a single unit. The sample is passed via a hopper onto a rotating dividing cone. It passes over the surface of the rotating cone and is accelerated outwards into the separate channels by the centrifugal force of the entire system. The individual samples are collected in glass sample bottles. Because of the rotation, the number of divisions reaches up to 3.000 per minute, so the feed to each channel is made up of a very large number of separate samples - a distinguishing mark for good sample division.

Features include a basic machine can be used with a choice of 6 dividing heads, up to 3.000 divisions per minute possible, representative sample division guaranteed with a division, accuracy of 99.9 %, processes dry free flowing samples or suspensions without additional modification, choice of division ratios, quick fit clamping of the sample bottles 250 ml and 500 ml as standard feature, safety tested in accordance with TÜV (CE mark), 2 year guarantee

