

RODE 2

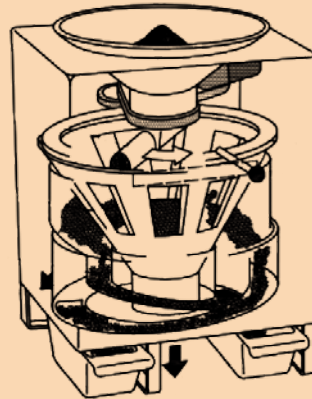
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Rotary sample divider with adjustable dividing ratio

Division of free-flowing material samples, those of grain primarily

Design principle:

Rotary divider is designed on the principle of a sample scattering, by means of a rotating tube, into a conical vessel with a fixed number of slots. The slot widths are manually/ automatically adjustable to allow the determination of dividing ratio – the size of a sub-sample in relation to the total volume of the divided sample.



Applications:

- Grain growing: cereals, pulses, oilseeds, and other plant commodities
- Seed growing, plant breeding and similar fields of activity
- Miscellaneous granulated materials, such as plastics, pellets, etc.

Features:

- Divider hopper capacity: 16 litres
- Two identical subsamples are obtained in the divider standard version
- Subsample volume: 1 litre each. Other volumes are obtainable through the change of dividing ratio and amount of the sample being fed.
- Surplus material, through the centre of the divider, passes to a return conveying system or receptacle.
- Maximum particle size: up to 10 mm in diameter
- Steel base provides for the divider easy installation in labs. No table or other support is required.
- Hopper can be fitted to pass surplus materials to the conveying system.

Advantages and characteristics:

- Compliance with ISO 24333 requirements
- Quick and objective sample division
- Adjustable dividing ratio
- Suitable for work with any sampler as well as for separate installations

Optional accessories:

- Automatic adjustment of the slot width according to the size of the sample being taken
- Four subsamples

Pneumatic conveying system for the transportation of surpluses away from laboratory

How to deal with considerable sample surpluses obtained during the process of sampling? Our pneumatic system for conveying residues away from the lab is a solution.

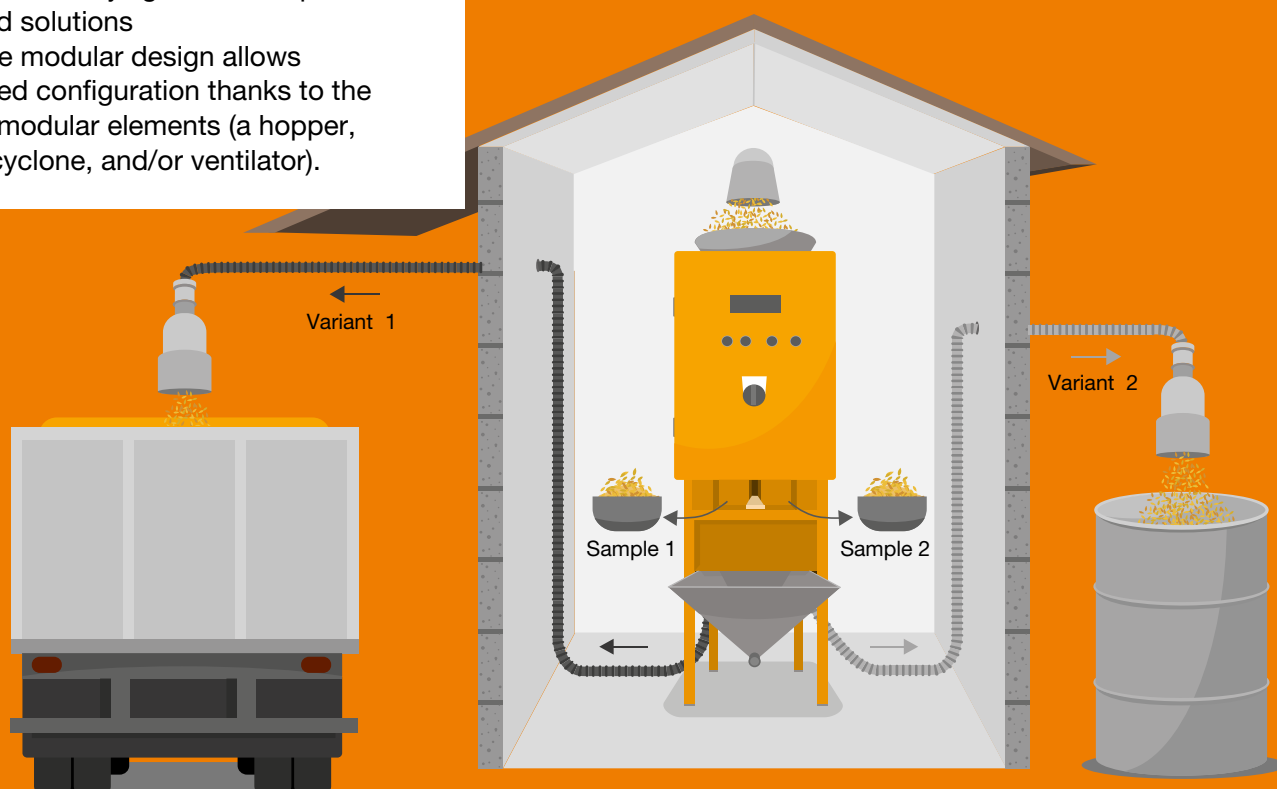
When using an automatic sampler in accordance with the applicable standard requirements, the amount of material taken for sampling is much larger than it is necessary for a lab sample. In such a way, especially in seasonal peaks, large amounts of surpluses remain in the lab after the sample material has been divided by homogenisation.

Advantages:

- Improved productivity and the automation of laboratory work (in combination with the sample divider)
- Surplus materials can be directed back onto the vehicles delivering the grain, into arbitrarily distributed containers, or to a silo receiving bucket.

Features:

- Standard conveying distance: up to 30 m
- Tailored solutions
- Variable modular design allows a tailored configuration thanks to the use of modular elements (a hopper, hose, cyclone, and/or ventilator).



Rotary divider technical parameters:

| | |
|-------------------------------------|------------------------|
| Dimensions (width x depth x height) | 60 cm x 60 cm x 180 cm |
| Weight | 80 kg |
| Number of slots | 8 |
| Voltage | 230 V |

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