

Vario sample divider

Sample divider equipment range for quickly reduced laboratory samples

The standard machine for grain recording

- The quickest way of dividing samples in a representative way
- Large filling funnel
- Infinitely adjustable dividing ratio
- Models for 1 to 8 subsamples
- Extremely good static distribution of the different sample parts

Usage area

The sample divider is the most neglected device in the quality evaluation chain of agricultural grain when delivery takes place. Collection samples are produced in accordance with a fixed number of sampling points. The sample that is acquired in this way usually weighs 5-8 kg. Modern analysis devices required between 300-1000 g.

Function

Switch on sample divider and put the sample into the feed funnel. The surrounding distributor pipe passes the eight variably adjustable openings inside the device. The sub-samples are taken to the collection trays alternately via a tube system. The excess material flows through the middle and can be collected in a collection container or taken away via a pneumatic transportation system. The yellow scale on the front of the sample divider indicates the dividing ratio.

The Vario 1G sample divider is also available with a built-in electric actuator (actuation cylinder) and associated PC software. The device can be used in a single work operation to divide the initial sample, whereby either the size of the subsample or a fixed divided sample / subsample can be chosen.



Technical data

Model	Number of samples	Voltage / output	Dimensions	Weight	Item number
Vario 1G	1	230 V, 50 Hz / 60 W	492x465x800 mm	65 kg	1745 0057
Vario 2H	2	230 V, 50 Hz / 60 W	492x485x840 mm	60 kg	1745 0050
Vario 4/8	4 or 8	230 V, 50 Hz / 60 W	492x550x840 mm	72 kg	1745 0053

Accessories

Accessories	Item number
Standard funnel Ø 48 mm	3331 0500
Extension funnel for capacity of 8 kg	3331 0510
Funnel diam. 30 mm (9 kg/min)	3331 0520
Different funnel inserts	By request
Stainless steel hook-in plates for changing the dividing ratio	3331 0530
PVC collection tray, 2 liters	3110 0050

Accessories	Item number
Stainless steel collection pan, 2 liters	3351 0500
Stainless steel collection pan, 3.5 liters	3331 9015
Stainless steel continuous sample pan	1740 0081
Side funnel for Vario 2H model	3321 4020
Agitator for non-free-flowing products	1745 0065
For Vario 4/8 only: Stainless steel collection pan, 2 liters	3331 9010

