

# 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

