

# Determination of dockage and grading Sample cleaner automat



*New!*

- Fully automatic cleaning and weighing
- Suitable for all kinds of cereals
- Barcode scanner
- Touchscreen Display
- Data memory



**For cleaning and grading of cereals for the classification as brewing barley, seed or animal feed.**

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Mess- und Prüfgeräte

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# Dockage, shrunken and prime grain fraction

## Sample cleaner automat



### ■ Application range

The results of the sample cleaner correspond to those of a standard cleaning machine so that it can be used to determine the proportion of impurities (dockage) and shrunken grains of a sample. The quality of a batch can be graded directly at the intake.

During the preset time the sample is deawned. Light impurities are aspirated through the cyclone into a transparent bag. The sample passes through the upper and the sand sieve where the dockage is removed. The cleaned sample then passes through the grading sieve and is graded by size. The prime grain fraction falls into the right collection tray, shrunken grains into the left tray.



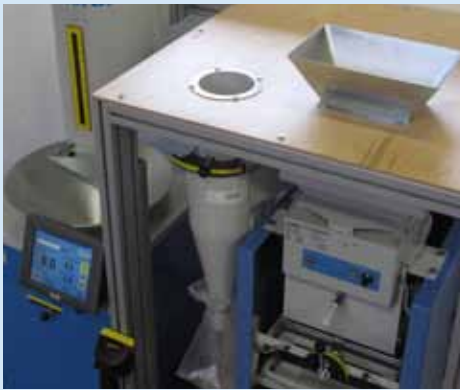
Picture:  
Sample divider 2H with  
reception box of  
truck sampler Rakoraf,  
sample cleaner automat  
with sample cleaner SLN 3

### ■ Operation

Install the corresponding sieves for the product you want to clean. Close the deawner bottom flap, and set feed rate, aspiration strength and deawning time. Fill in a sample of approx. 1 kg and scan the product barcode. The automat weighs the sample and starts the cleaning process fully automatically. The cleaned and graded sample fractions fall into the corresponding balance receptacles at the two tray positions and are weighed there. The software immediately shows the determined masses and corresponding percentages.

The result is made up of the cleaning loss (aspirator outlet, straw and sand sieve) and the prime grain and shrunken grain fraction.

The weighed samples fall into a huge collection box with a volume of approx. 180l, thus having



the capacity for more than 100 samples. A transport system for the automatic sample disposal is optionally available. The whole process per sample of 1 kg takes approx. 1:30 mins.



### ■ Flexibility

The sample cleaner is directly placed onto the drawer of the automat and can easily be pulled out for cleaning. Retrofitting of the machine is not necessary. The cleaning process can also be carried out manually so that a full transparency of the cleaning process can be guaranteed. For this purpose, the passage trays for continuous operation are removed and replaced by standard trays.

### ■ Technical data

Power supply	230V, 50 Hz, 0,40 kW
Dimensions	approx. 800x800x1800 mm
Weight	approx. 60 kg (without sample cleaner)

We reserve the right to make technical modifications !

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