

# Рифленый делитель проб RPT

## Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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With the soil divider, which is completely manufactured from stainless steel, the reliable and representative separation of samples becomes child's play.

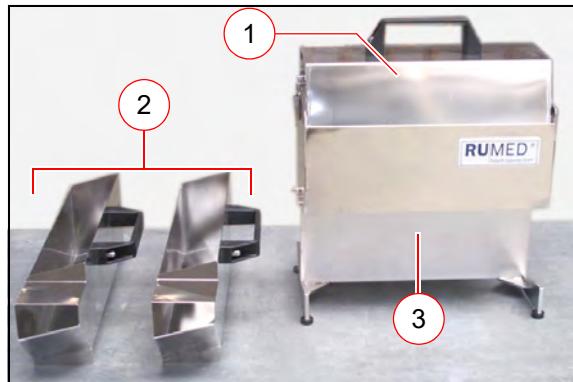
Simply put the seed on the opened lid, and distribute it approximately even. When closing the lid, the seed will be divided into two even samples of the same size due to the construction and the 18 channels.

After the separation, the divided samples are located in the two laterally arranged drawers, from where they can be removed easily.

Easy cleaning without residues is ensured by the optimized construction without cavities. Additionally, all surfaces have been electro-polished. So, adhering residues are practically avoided.

The delivery scope includes:

- 1 × Soil divider with sample vessel
- 2 × Collecting vessels
- 1 × Operating manual



(1) Sample Vessel  
(2) Collecting vessels  
(3) Soil Divider

## 1.2 Appropriate Application

The soil divider is exclusively used for representative separation of seed samples up to a maximum weight of 2 kg. So, the examination expenditure can be reduced to the required minimum.

Any other application is considered as misuse.

## 1.3 Misuse

It is not allowed to use the soil divider for separation of other material than seed samples.

Examples of material, which is considered as misuse:

- Abrasive material, such as sand or soil samples
- Liquids



## 1.4 Technical Data

H × W × D: 440 mm x 280 mm x 510 mm

Weight: 8.5 kg

### Packaging:

H × W × D: approx. 520 mm × approx. 500 mm  
× approx. 400 mm

Weight: approx. 16 kg

## 1.5 Assembly

The component parts have been manufactured to fit exactly and can be inserted at the corresponding places.

How to assemble the soil divider:

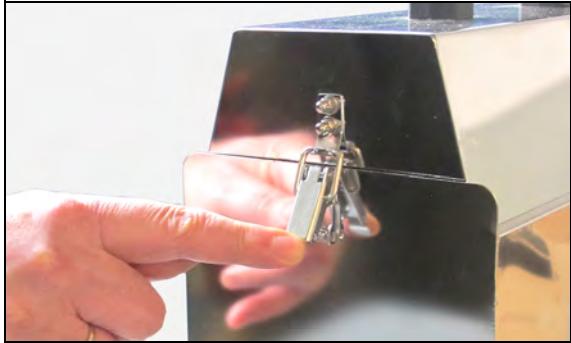
1. Remove the component parts from the packaging.
2. If required, clean the collecting vessels and the sample vessel, see paragraph 1.8.
3. Place the soil divider on a solid and level surface.
4. Insert the collecting vessels into the provided recesses.  
Observe the correct seat in the guides.



## 1.6 Transport

The soil divider is equipped with a carrying handle at the sample vessel. Please observe for transport:

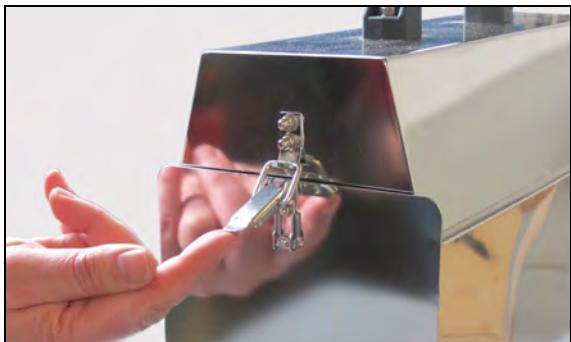
- Close the bracket fasteners at both sides of the sample vessel, prior to lifting the soil divider.



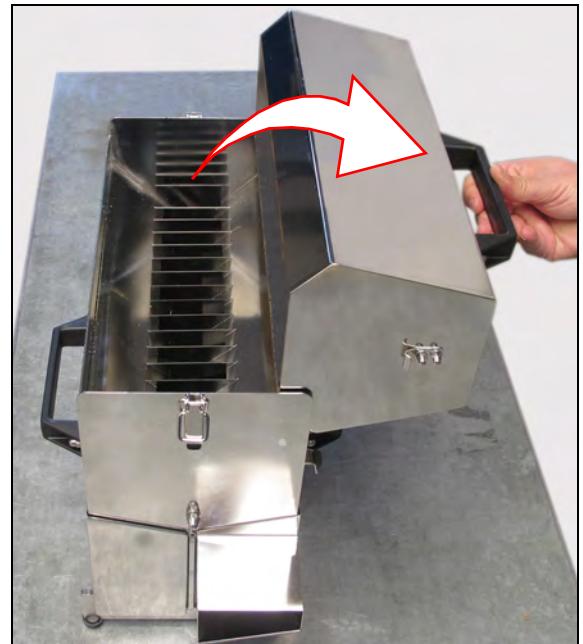
- Keep the soil divider upright to avoid that the collecting vessels will fallout.

## 1.7 Operation

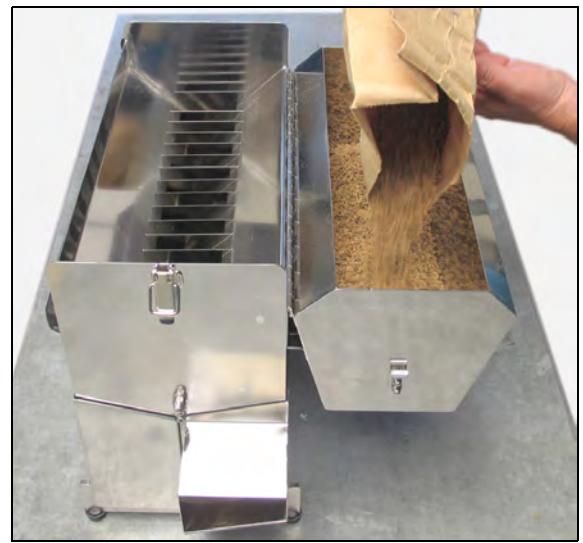
1. Assemble the soil divider,  
*see paragraph 1.5.*  
If required, clean the soil divider,  
*see paragraph 1.8.*
2. Open both bracket fasteners.



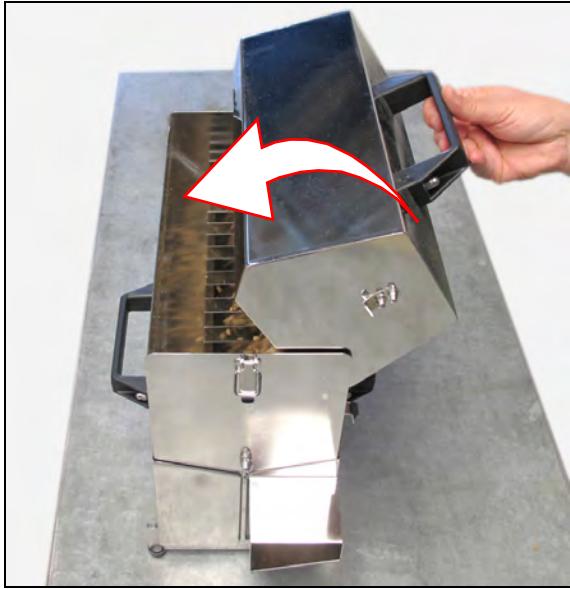
3. Open the sample vessel.



4. Dump the seed into the sample vessel.  
Distribute the seed evenly in the sample vessel.



5. Turn the sample vessel over with a quick movement.



- The seed will be transferred into the separator, and it will be distributed evenly into the collecting vessels in the ratio 1:1 by means of the 18 channels.
- First, remove the collecting vessel at the side with the hinges. Observe to keep the collecting vessel upright to avoid, that the divided sample will be spilled.



7. Tilt the collecting vessel laterally and empty it on the retained samples.



8. If the seed quantity in the second collection vessel is still too much, repeat the separation process until the desired examination quantity is obtained. Take care, that the opposite collection vessel is not overflowing. So, do not forget to empty it occasionally.

1<sup>st</sup> Separation: 50.0 % 50.0 %

2<sup>nd</sup> Separation: 75.0 % 25.0 %

3<sup>rd</sup> Separation: 87.5 % 12.5 %

9. Clean the soil divider after each change of the sample and check it for adhering residues, *see paragraph 1.8*.

## 1.8 Cleaning

After each change of the sample, the soil divider must be cleaned with a vacuum cleaner.

Particularly check the channels, the collecting vessels and the sample vessel for residues, which might contaminate the next sample.

After vacuuming, wipe the vessels out with a clean cloth and wipe the surfaces.

Never use compressed air for cleaning, since flying sample parts might contaminate other samples.

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