



## DIVIZOR DE PROBE ROTATIV PT 300

A faultless and comparable analysis is closely linked to accurate sample handling. Only a sample representative of the initial material can provide meaningful analysis results. Rotating sample dividers ensure the representativeness of a sample and thus the reproducibility of the analysis.

The rotating sample divider PT 300 is specially designed for representative, dust-free division and volume reduction of large amounts of powdered or granular bulk materials. The selection of different dividing modules determines the dividing ratio and the sample amount. The PT 300 is available in configurations for the division of either 30 l or 60 l sample material.



[Click pentru video](#)

## AVANTAJE PRODUS

- | Exact division, also of large quantities
- | Modular design
- | Variable speed 18 - 53 rpm
- | Extraction of 4 - 10 samples for batch processing
- | Extraction of 1 sample for continuous processing with reject
- | Hopper design ensures easy flow control and cleaning
- | Inspection window with light facilitates monitoring of sample division process
- | Vibratory feeder with push-fit feed chute for easy cleaning
- | Removable base frame allows for variable operation height



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## PRINCIPIU DE FUNCȚIONARE

The sample is fed as a continuous stream at a controlled rate via the chute. Either one part sample is extracted or the stream is divided into equal segments by the action of a “circle” of segmental buckets rotating beneath it. The unit operates in accordance with internationally recognized sampling protocols and divides samples in a representative and reproducible way.

Two modules in one machine allow for **both batch-processing and continuous sampling with reject**. Due to a range of various segment size combinations a variety of volumes can be divided (no additional machine needed).

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## DATE TEHNICE

<b>Aplicabilitate</b>	eșantionare, distribuție eșantioane, reducere eșantioane
<b>Domenii in care se utilizeaza</b>	agricultură, alimente, biologie, chimie/plastic, geologie/ metalurgie, inginerie/electronică, materiale de construcții, medicină/produse farmaceutice , mediu/reciclare, sticlă/ ceramică
<b>Material probă</b>	materiale în vrac
<b>Dimensiunea probei*</b>	<= 30 mm
<b>Viteza de rotație</b>	18 - 53 min <sup>-1</sup>
<b>Volumul buncărului</b>	depending on configuration: up to 30 l / 60 l
<b>Număr de distribuții</b>	30 l configuration: batch processing: 4/ 6 / 8 / 10 (depending on dividing module) processing with reject: 1  60l configuration: batch processing: 4 / 6 / 8 / 10 (depending on dividing module) processing with reject: 1
<b>Setare timp</b>	digitală
<b>Volumul colectorului de rebuturi</b>	70 l
<b>Volume of segments for batch wise operation</b>	30 l configuration: 3,000 ml / 3,750 ml / 5,000 / 7,500 ml (depending on dividing module)  60 l configuration: 6,000 ml / 7,500 ml / 10,000 / 15,000 ml (depending on dividing module)
<b>Adjustment vibratory feeder</b>	digitală
<b>Alimentare electrica</b>	100-120 V, 50/60 Hz; 200-240 V, 50/60Hz
<b>Conectare sursă de alimentare</b>	monofazic
<b>Putere instalata</b>	500 VA
<b>W x H x D</b>	30 l configuration: 1180 x1510 x 750 mm 60 l configuration: 1180 x1620 x 750 mm
<b>Masa netă:</b>	30 l configuration: ~ 209 kg (incl. vibratory feeder) 60 l configuration: ~ 230 kg (incl. vibratory feeder)
<b>Standard</b>	CE

\* în funcție de materialul probei și configurația/setările instrumentului


[www.retsch.ro/pt300](http://www.retsch.ro/pt300)


## INFORMAȚII DESPRE COMANDĂ

### ROTATING SAMPLE DIVIDER PT 300

#### Rotating Sample Divider PT 300

(please order hopper and dividing module separately)

41.005.0003		PT 300	200–240 V, 50/ 60 Hz	drive unit incl. vibratory feeder
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41.005.0004		PT 300	100–120 V, 50/ 60 Hz	drive unit incl. vibratory feeder
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**la cerere, sunt disponibile alte versiuni electrice, la același preț**

### HOPPER PT 300, STAINLESS STEEL

23.785.0023	Hopper PT 300, stainless steel, 30 l capacity
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23.785.0024	Hopper PT 300, stainless steel, 60 l capacity
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### DIVIDING MODULES AND ACCESSORIES OF STAINLESS STEEL (FOR FEEDING UP TO 30 L)

23.011.0004	Dividing module for 6 part samples for batch processing
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03.011.0054	Spare bucket for dividing module for 6 part samples
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23.011.0003	Dividing module for 8 part samples for batch processing
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03.011.0053	Spare bucket for dividing module for 8 part samples
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23.011.0002	Dividing module for 10 part samples for batch processing
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03.011.0052	Spare bucket for dividing module for 10 part samples
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23.011.0001	Dividing module for 1 part sample and reject receptacle for continuous processing
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03.011.0048	Spare bucket for continuous dividing module
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**additional dividing modules upon request**

### DIVIDING MODULES AND ACCESSORIES OF ALUMINUM (FOR FEEDING UP TO 30 L)

23.011.0021	Dividing module for 4 part samples for batch processing
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03.011.0099	Spare bucket for dividing module for 4 part samples
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23.011.0022 Dividing module for 8 part samples for batch processing


03.011.0101 Spare bucket for dividing module for 8 part samples

**additional dividing modules upon request**

## ACCESSORIES PT 300

### Push-fit chutes

02.729.0077  Push-fit chute standard

02.729.0068  Push-fit chute for fine samples < 15 mm

## DIVIDING MODULES AND ACCESSORIES OF STAINLESS STEEL (FOR FEEDING UP TO 60 L)

03.011.0115 Dividing module for 4 part samples for batch processing

03.011.0114 Spare bucket for dividing module for 4 part samples

03.011.0041 Dividing module for 6 part samples for batch processing

03.011.0077 Spare bucket for dividing module for 6 part samples

03.011.0042 Dividing module for 8 part samples for batch processing

03.011.0076 Spare bucket for dividing module for 8 part samples

03.011.0043 Dividing module for 10 part samples for batch processing

03.011.0075 Spare bucket for dividing module for 10 part samples

23.011.0001 Dividing module for 1 part sample and reject receptacle for continuous processing

03.011.0048 Spare bucket for continuous dividing module

**additional dividing modules upon request**

## DIVIDING MODULES AND ACCESSORIES OF ALUMINUM (FOR FEEDING UP TO 60 L)

23.011.0020 Dividing module for 4 part samples for batch processing

03.011.0098 Spare bucket for dividing module for 4 part samples

23.011.0023 Dividing module for 8 part samples for batch processing

03.011.0100 Spare bucket for dividing module for 8 part samples

**additional dividing modules upon request**