



DRAAIENDE MONSTERVERDELER 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.



[Klik om video te bekijken](#)

PRODUCTVOORDELEN

- | 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



DRAAIENDE MONSTERVERDELER PT 300

PRINCIPE

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).

DRAAIENDE MONSTERVERDELER PT 300

TECHNISCHE GEGEVENS

Toepassingen	Staalname, monsterverdeling of -reductie
Toepassingsdomein	biologie, bouwmaterialen, chemistrie / kunststoffen, engineering / electronica, geneesmiddelen / farmaceutica, geologie / metallurgie, glas / keramiek, landbouw, milieu / recycling, voeding
Toevoermateriaal	stortgoederen
Ingangskorrelgrootte*	<= 30 mm
Toerental	18 - 53 min ⁻¹
Trechtervolume	depending on configuration: up to 30 l / 60 l
Aantal verdelingen	30 l configuration: batch processing: 4 / 6 / 8 / 10 (depending on dividing module) processing with reject: 1 60 l configuration: batch processing: 4 / 6 / 8 / 10 (depending on dividing module) processing with reject: 1
Tijdsinstelling	digitaal
Volume van opvangbak	70 l
Volume of segments for batch wise operation	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)
Adjustment vibratory feeder	digitaal
Gegevens electriciteit	100-120 V, 50/60 Hz; 200-240 V, 50/60Hz
Aansluiting electriciteit	mono fase
Vermogen	500 VA
B x H x D	30 l configuration: 1180 x 1510 x 750 mm 60 l configuration: 1180 x 1620 x 750 mm
Netto gewicht	30 l configuration: ~ 209 kg (incl. vibratory feeder) 60 l configuration: ~ 230 kg (incl. vibratory feeder)
Standaarden	CE

*afhankelijk van toegevoerd materiaal en configuratie/instellingen van toestel

www.retsch.com/pt300

BESTELGEGEVENS

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
41.005.0004		PT 300	100–120 V, 50/ 60 Hz	drive unit incl. vibratory feeder

andere spanningsvarianten aan dezelfde prijs op aanvraag

HOPPER PT 300, STAINLESS STEEL

23.785.0023	Hopper PT 300, stainless steel, 30 l capacity
23.785.0024	Hopper PT 300, stainless steel, 60 l capacity

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
03.011.0054	Spare bucket for dividing module for 6 part samples
23.011.0003	Dividing module for 8 part samples for batch processing
03.011.0053	Spare bucket for dividing module for 8 part samples
23.011.0002	Dividing module for 10 part samples for batch processing
03.011.0052	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 30 L)

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

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