

Haindl Fractionator

original Einlehner

Code: P.300.xxx

Usage

To determine the splinter content and fractionate fiber into classes.

Applicable standards

- FAK Merkblatt 201
- Zellcheming Merkblatt VI/1/66



einlehner



Device description

The Haindl fractionator is made of corrosion-resistant materials. The lower part of the fractionator houses the motor with the eccentric that moves a rubber membrane up and down. The speed of the motor and thus the strokes per minute can be set up to 200 strokes per minute. The pulsating membrane generates pressure and suction movements on the sieve plate attached above. The standard sieve plate has slots with a width of 0.15 mm, through which smaller fiber components are flushed, larger particles or splinters remain on the sieve plate. Water is injected through the sieve via a calibrated ring nozzle. The fractionation time is set by means of a timer.

Process description

A weighted pulp sample is added to the water in the wash tank. Water sprays onto the slotted plate through a calibrated ring nozzle. Fibers and parts that are smaller than the slots are sucked through the plate and washed away due to the vibratory movement of the membrane. The splinters remain on the plate. When the wash cycle is complete, the water drains, the splinters are washed off the slit plate, collected, dried and weighed. The percentage distribution of the splinters of the pulp used can be calculated.

Specification

- compact table-top device
- made of premium stainless steel
- easy pressure control and water flow regulation
- double strokes of the membrane: 200 strokes/min
- CE certificate

Connections

- Electricity: 230 V, 50 Hz AC
(other voltages on request possible)
- Water & Drainage connection required

Delivery content

- Haindl fractionator device
- 2 m power chord
- sieve plate with slots acc. to order
- user manual
- CE label

Models

| Code | Model |
|--|--------------------------------|
| P.300.100 | device without plate |
| P.300.108 | device with 0.08 mm slot plate |
| P.300.110 | device with 0.10 mm slot plate |
| P.300.115 | device with 0.15 mm slot plate |
| P.300.120 | device with 0.20 mm slot plate |
| P.300.125 | device with 0.25 mm slot plate |
| Available plates | |
| P.300.008S | 0.08 mm slot plate |
| P.300.010S | 0.10 mm slot plate |
| P.300.015S | 0.15 mm slot plate |
| P.300.020S | 0.20 mm slot plate |
| P.300.025 | 0.25 mm slot plate |
| P.300.DN16 | DIN 16 sieve plate |
| P.300.DN50 | DIN 50 sieve plate |
| Other plates available on request! For more information, contact your personal distributor or PTE Austria directly. | |

Parameters

| | Dimensions | Weight |
|-------|--------------------|--------|
| Net | 570 x 350 x 300 mm | 70 kg |
| Gross | 600 x 400 x 540 mm | 88 kg |