

# FIBRE CLASSIFIER

## acc. to BRECHT-HOLL



Upper part designed as ring water tank

### Device description

The fibre classifier acc. to Brecht-Holl is manufactured from corrosion resistant materials. Below the slot plate is a rubber membrane which is in continual reciprocating movement, driven by an eccentric. Above the screen plate is a spray ring to inject the water at the centre. The eccentric moves the membrane at 200 strokes per minute. The standard version has a slot width of 0.2 mm.

### Test description

A weighed pulp sample is added to the water in the water container. A spray ring sprays water on the slot plate. Fibres and pieces that are smaller than the slots are sucked through the plate by the vibrating motion of the membrane and washed away. The shives remain on the plate. Once the wash cycle is complete, the water is drained, the shives washed off the slot plate, collected, dried and weighed. The percentage of shive to pulp used can then be calculated.

### Technical data

Electrical connection	400 V / 50 Hz
Water connection	Yes
Compressed air	No

### Applicable standards

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

### Specifications

- ✓ All parts made of corrosion-resistant materials
- ✓ Driving motor safety class IP 55
- ✓ Mechanism to change the slot plate
- ✓ Tilt-back washing chamber
- ✓ Eccentric tappet speed: 200 strokes/min
- ✓ Quick adjustment of the stroke height
- ✓ Nozzle ring for water injection
- ✓ Adjusting and display of the water pressure by a manometer
- ✓ Included into delivery:
  - ▶ 1 slot plate with 0.20 mm slot width
  - ▶ 2 sieve plates with DIN 50 and DIN 16 wire cloth

### Optional available:

- ✓ Slot plates with 0.25 mm, 0.15 mm or 0.10 mm slot width