

Article No. S40176

Pulp Tester



# Braindl Fiber Classifier

For fiber fractionation according to Haindl, Brecht Holl and for recyclability measurement.



## MOST IMPORTANT BENEFITS:

- ✓ 2-in-1 combination device for fiber fractionation according to Haindl and Brecht-Holl
- ✓ All parts made of corrosion-resistant materials
- ✓ Swiveling washing chamber for quick change of sieves
- ✓ Adjustable stroke height
- ✓ Timer function

 **FRANK-PTI**  
QUALITY TESTING INSTRUMENTS

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## PRODUCT DESCRIPTION

The Braindl fiber fractionator made of corrosion-resistant material is used to determine the form constituents of fibrous materials according to the Brecht-Holl and Haindl principles. An operating selector switch can be used to switch between the Haindl and Bracht-Holl function.

By inserting the appropriate sieves, measurements can be carried out fully according to both measuring methods. Below the slotted plate is a rubber diaphragm which is continuously moved up and down by a motor-driven eccentric. A nozzle ring for injecting water according to Brecht-Holl and a nozzle according to Haindl are centrally mounted above the slotted plate. The eccentric moves the membrane at a speed of 200 strokes/min.

## TEST DESCRIPTION

Depending on the test method selected, the method is set on the operating selector switch, the appropriate sieve is inserted, and the stroke for the diaphragm, determined according to standard, is set. A weighed pulp sample is added to the water in the wash tank. Water is sprayed through a splash ring onto the slotted plate. Fibers and pieces smaller than the slits are sucked through the plate and washed away due to the vibrating motion of the membrane. The slivers remain on the plate. When the wash cycle is complete, the water is drained and the slivers are washed off the slit plate, collected, dried and balanced. The percentage distribution of the slivers of the pulp used can be calculated.



Swiveling wash chamber for quick change of sieves.

## TECHNICAL DATA

### DEVICE / INSTRUMENT

- All parts made of corrosion resistant materials
- With built-in timer
- Wash chamber swivels to the rear
- Stroke adjustable: 6mm, 12 mm Brecht Holl and 18mm Haindl
- Quick adjustment of stroke height
- Nozzle ring according to BH and central nozzle according to Haindl separately switchable to inject the water
- Manometer for indication and adjustment of water pressure

### ANWENDBARE STANDARDS

Zellcheming Note VI/1/66

### SYSTEM

Membrane stroke:	6mm / 12mm (BH) 18mm (Haindl) adjustable
Speed:	200 strokes/min
Time:	Adjustable on the timer

### CONNECTIONS

Supply voltage:	230V / 50-60Hz
Power consumption:	<130W
Water:	hose ¾" inch screwing. approx. 1,5m
Drain:	min. 2 bar / max. 5 bar
Water consumption:	hose 1" inch / approx. 1m Depending on use. max. 10l/min

### DIMENSIONS

Version	L x H x B
S40176	700 x 680 x 600 mm
<b>Weight:</b>	net
S40176	75 kg

### ARTICLE / MODELS

S401760000 Braindl Fiber Cassifier

Available accessories:

S401751001	Slotted sieve 0,20mm
S401751002	Sieve acc. DIN 16 W=0,4 d=0,25mm
S401751003	Sieve acc DIN 50 W=0,125 d=0,08mm
S401751011	Slotted sieve 0,70mm
C000006273	Hole sieve Ø 2mm
C000006296	Hole sieve Ø 0,6mm 430 bore holes
C000006297	Hole sieve Ø 0,6mm 870 bore holes
C000006624	Slotted sieve 0,12mm
C000006626	Slotted sieve 0,25mm

### SCOPE OF DELIVERY S401760000

1	Braindl Fiber fractionator device
1	Hole sieve 0,7 mm for recyclability
1	Slot sieve 0,2 mm Brecht-Holl
1	Sieve DIN 16 Bracht-Holl
1	Sieve DIN 50 Breacht-Holl
1	Slot sieve 0,15 Haindl
1	Drain hose 1" inch approx. 1m
	Hose for water supply with ¾" inch screwing approx. 1,5m