



Pulp Tester

Bauer McNett Fibre Classifier

For the classification of pulp by determining the fiber length.

Models

- Models with 3 classifier units
- Models with 4 classifier units
- Models with 5 classifier units
- Models with 4 classifier units and built-on Somerville

Standard Sieves:
ASTM 16 / 30 / 50 / 100 / 200
*more on request



Model with 4 classifier chambers

MOST IMPORTANT BENEFITS:

- ✓ Completely made of stainless steel
- ✓ Fully automated test procedure
- ✓ Quick clamping allows easy insertion and removal of the sieves
- ✓ Built-in suction pump for emptying the containers
- ✓ Built-on shive content analyser possible (Somerville)

 **FRANK-PTI**
QUALITY TESTING INSTRUMENTS

SUBSIDIARY OF  Hofmann

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PRODUKTBESCHREIBUNG

The fibre classifier is manufactured entirely from stainless steel. The classifier unit is equipped with quick fasteners for easy insertion and removal of the screens. Additionally, the individual units have an overflow into the next container. Each unit is fitted with a special agitator and an exchangeable screen. Control is fully automatic for ease of operation. An integrated timer allows setting individual classification times. The flow of water is regulated according to the standard being applied. The containers are drained via an integrated suction pump. The injection mechanism mounted on the housing allows to be quickly and easily rinsed after the classification process.

TEST DESCRIPTION

The screens are fitted in descending order of perforation size into the fibre classifier. The paper filters are placed in the suction housings under the container, which is then closed. When the start button is pressed, water flows into the units. As soon as the last container is full, the start button is pressed again. The flow of water through the classifier stops and the sample is added to the uppermost container. After the filling time, the agitators and water flow starts automatically, and the classification process begins. After this period has elapsed the agitators come to a standstill and the addition of water stops. Opening the fasteners and starting the vacuum pump extracts the suspension. During rinsing the rest of the fibres collect in the filter. It can then be removed, dried and weighed.

TECHNICAL DATA

DEVICE / INSTRUMENT

- Fully automated test procedure
- Quick clamping allows easy insertion and removal of the screens
- Time switch for setting standardized running times
- Built-in flow meter for regulating the water flow
- Special agitator (580 rpm)
- Built-in suction pump for emptying each container
- Spaying device for quick rinse
Included in scope of delivery:
Sieve storage container

APPLICABLE STANDARDS

TAPPI T 233

SYSTEM

Flow rate	11,355 L/min (einstellbar)
Agitator	580 UpM
Classifier chambers	depth 255mm / width 127mm high 320mm / in cascade
Sieve:	335cm ²

CONNECTIONS

Electrical Supply:	230V / 50-60Hz 13A fused
Water:	pre-pressure min. 2,5bar /max 5bar (Hose with 3/4" screwing)
Drainage:	50mm Ø (tube connector)
Compressed air	No



Fractioning sieves with different mesh sizes



Classifier container with quick clamping device



Bauer McNett Fibre classifier with built-on Somerville

DIMENSIONS

Version:	L x H x B	
	1600 x 1440 x 700 mm	
Weight:	Net	gross
S40180003	245 kg	app.360 kg
S40180004	245 kg	app.398 kg
S40180005	245 kg	app.420 kg
S40180006	245 kg	app.510 kg
S40180010	245 kg	app.530 kg

ARTICLE / MODEL

S40180003	Bauer McNett fiber classifier with 3 classifier units
S40180004	Bauer McNett fiber classifier with 4 classifier units
S40180005	Bauer McNett fiber classifier with 5 classifier units
S40180006	Bauer McNett fiber classifier with 4 classifier units
S40180010	Bauer McNett fiber classifier with 3 classifier units and somerville (sieves to be chosen separately)

ACCESSORIES

Standard sieve set

S401801002	Sieve ASTM 16
S401801003	Sieve ASTM 30
S401801004	Sieve ASTM 50
S401801005	Sieve ASTM 100
S401801007	Sieve ASTM 200
	*more sieves on request

Extended accessories for combi device

(Sieve has to be chosen separately for the somerville device)

S401701005	Sieve Somerville 0,1 mm incl. nozzle
S401701004	Sieve Somerville 0,15 mm incl. nozzle (standard)
S401701003	Sieve Somerville 0,2 mm incl. nozzle
S401701002	Sieve Somerville 0,25 mm incl. nozzle