

BAUER McNETT

FIBRE CLASSIFIER

For the determination of fibre length of pulp by classification.

- › Completely made of stainless steel
- › Fully automated test procedure
- › Quick clamping allows easy insertion and removal of the screens
- › Built-in suction pump for emptying each container
- › The attachment of a shive content analyser is possible (Somerville, Haindl, Brecht-Holl)



Model with 4 units

Applicable standards

- › SCAN M6
- › TAPPI T233
- › PAPTAC C5V



Classifier container with quick clamping device



Classifier screens with different mesh sizes



Bauer McNett Fibre classifier with built-on Somerville

Technical data

Electrical connection	230 V / 50 Hz
Water connection	Yes
Compressed air	No

Device description

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.

Specifications

- ✓ Fully automated test procedure
- ✓ Quick clamping allows easy insertion and removal of the screens
- ✓ Time switch for setting standardised running times
- ✓ Special agitator (580 UpM)
- ✓ Built-in suction pump for emptying each container
- ✓ Spraying device for quick rinse
- ✓ Included into delivery:
 - Standard sieve set
 - Sieve storage container

Models

- Version with 3 Classifier chambers
- Version with 4 Classifier chambers
- Version with 5 Classifier chambers
- Version with 4 Classifier chambers and built-on Somerville Shive Content Analyzer (Somerville see page 56)
- Available Sieves:
 - ASTM 16 / 30 / 50 / 100 / 200, others on request