



SHEET FORMER ACC. TO TAPPI MANUAL

For the manual production of hand-sheets according to TAPPI.



MODELS

- 159 mm diameter (TAPPI-standard)

MOST IMPORTANT BENEFITS

- ✓ To incorporate into a laboratory bench
- ✓ Gravitation drainage, no vacuum needed

PRODUCT DESCRIPTION

The manual sheet forming system is intended for installation into a laboratory bench (not included). The individual stages of sheet formation are carried out manually. Water is added and drained via simple hand valves. Couching is done with a stainless steel roller, and swirling is done with an agitator with perforated panel. Additionally ten mirror polished plates and drying rings are included in the delivery for drying. All parts are constructed of corrosion resistant materials.

TEST DESCRIPTION

By opening the hand valve, the former column is half filled with water and the suspension, which has been prepared in the equalizer (see page 14) is added. Then the column is filled with more water, till the mark is reached. The agitator is used to swirl the contents of the column, which is then carefully removed. It is important while doing this to make sure that not too many fibres are adhering to the agitator. Once the settling phase is complete, the drain is opened via another hand lever. The water flows out and a sheet is left on the screen. After opening the upper part of the former, two blotters are laid on top and couched with the roller. This allows the hand sheet to be removed from the screen, along with the blotters, ready for pressing (sheet press see page 30) and drying (speed dryer see page 32).



Stirrer, dryingrings and mirror-poished plates

TECHNICAL DATA

DEVICE/INSTRUMENT

- According to TAPPI standard
- Designated for installation into a laboratory bench
- Easy handling due to big and smooth-running levers
- Delivery content:
Stirrer with perforated plate
Couch roll made of stainless steel
10 mirror-polished plates and drying rings
- Optional available:
Sieve span frame
Blotting papers

INSTALLATION REQUIREMENTS

Electrical connection	No
Water connection	Yes
Compressed air	No

APPLICABLE STANDARDS

- DIN EN ISO 5269-1_2005
- TAPPI T205



Blotting papers optional available



Couching roll made of stainless steel