

TAPPI Sheet Former

acc. TAPPI or SCAN
semi-automatic

Code: P.502.159.SEMI

Usage

For the production of standardized laboratory hand sheets.

Applicable standards

- TAPPI T205
- ISO 5269/1
- SCAN C26



optional
control panel:
wall box for
mounting on the
wall



Pneumatic couching system



Tappi Sheet Former with wall box

Device description

The Sheet Former is built upon a warp resistant stainless steel frame. This robust base holds the sheet forming column and the pneumatic couching device, both located in the *PTE Austria* waterproof work table with the control panel, including a touchscreen, start and stop switches, etc. located on the right-hand side of the work table, or as wall box version without table available. Multiple gauges enable the operator to supervise the pneumatic couching process. The sheet forming process can be performed manually or automatically. You can find a manual operation switch to toggle next to the touch screen which allows you to control the individual steps of the sheet forming process manually.

Process description

After initiating the process by pressing the start button, the water column is filled with water automatically. Now the suspension needs to be added. The filling process will stop as soon as the water has reached the set limit. Agitation will start according to the pre-set values prior to the calming process. The subsequent gravitational dewatering process will finally form the sheet upon the screen plate. Each step of the sheet forming related to the former column can also be executed manually via the manual operation switch. The former column can now be opened, two blotters put on the wet sheet and the couching process can be performed. After locking the couching unit, the membrane is pressurized and will perform the couching process pneumatically. When the set couching time has elapsed, the sheet is ready for pressing and drying.

Specifications

- highest quality materials and manufacturing
- only corrosion free material
- easy operation via touchscreen
- semi-automatic process
- gravitational dewatering
- pneumatic swirling
- pneumatic couching
- switching to manual mode possible at all times

Delivery content

- TAPPI Sheet Former semi-automatic
- 10 mirror polished plates and rings
- 1 pack of blotting paper

Connections

- Electricity: 230V, 50 Hz AC
(other voltages on request possible)
- Air: 400 – 600 kPa
- Water: tap water supply is required
- Drainage: Ø50 mm drainage pipe

Models

Code	Model
P.502.159.SEMI	TAPPI semi-automatic built-in stainless steel frame
P.502.159.BOX	TAPPI semi-automatic with wall box control panel to install into already existing laboratory desk