

CONVENTIONAL LABORATORY SHEET FORMER

model FC-21

The FC-21 is a manual laboratory sheet former used for the production of standard circular laboratory sheets for physical and optical testing.

The sheet is formed from a pulp suspension on a standard wire screen under suction generated by the flow of the water column.

This equipment became a standard for Q.C. (quality control) and R&D (research and development) due to its sturdiness, precision, reliability and repeatability.

As an option to the conventional system the sheet former can be supplied as version FC-21AA with automatic system for filling, homogenizing and draining controlled by a built-in PLC.



Pneumatic controls for filling, mixing and draining

MAJOR TECHNICAL CHARACTERISTICS

Produces square sheets	200 cm ² / ø 160 mm
Plexiglass stock container	7 L
Stainless steel made #100/in standard wire screen gauze for sheet forming. All parts in contact with water and pulp are made of corrosion resistant materials material.	

Standard accessories:

- Pneumatic sistem for homogenization of pulp suspension
- Couching weight & set of five drying plates

Optional accessories:

- Pneumatic drying press SP-21 for the removal of excessive water from wet sheet
- Standard blotter ø 185 mm, 250 g/m², pure pulp

Applicable standards:
ISO 5269-1 · TAPPI T-205

Water connection	3 bar, 0,25 m ³ /h, clean & pure
Air connection	6 bar, instrument quality, 0,1 m ³ /h
Drain connection	Required
Power supply for FC-21AA	220 VCA, single phase, 50 or 60 Hz, 200 W
Dimensions	(700 x 700 x 1600) mm (W x L x H)
Weight	55 kg

Note: due to constant development our equipment design and specifications are subject to change without notice.