



CONVENTIONAL LABORATORY SHEET FORMER

model FQ-21



The FQ-21 is a manual laboratory sheet former used for the production of standard square 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.



Pneumatic controls for filling, mixing and draining

MAJOR TECHNICAL CHARACTERISTICS

Produces square sheets	265,7 cm ² / (163x163) mm
Plexiglass stock container	11 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 200x200 mm, 250 g/m², pure pulp according to ISO 5269/1
- Filter for water inlet model GS200 - 5 L/min according to ISO 14487
- Automatic system for filling with adjustable sensor for water level.
- System for automatic cycle sequence - filling, mixing, sedimenting and draining at the touch of a single button and controlled by a PLC.

Applicable standards: ISO 5269-1

Water supply	3 bar, clean, pure, 0.25 m ³ /h
Drainage connection	Required
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.