

SEMI AUTOMATIC SHEET MOULD

Model: FD-21

IDM[®]
instruments

The FD-21 is a semi-automatic laboratory sheet former used for the production of standard laboratory hand sheets for physical and optical testing with full respect to modern performance and ergonomic requirements.

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

The conventional sheet former is standard for Q.C. and R&D of pulps, papers and chemical additives due to its typical sturdiness, precision, reliability and repeatability.



50L reservoir and square stock container



Dosing unit and control panel

Produces Square Handsheets: 265.7cm² (163x163mm)

- * Plexiglass square container with adjustable sensor for water level filling and air bubbling for homogenization of pulp suspension.
- * Plexiglass dosing unit with sensor for adjusting dosing volume (100ml to 1000ml)
- * Plexiglass reservoir with 50L capacity with integrated recirculation and air bubbling for perfect homogenization of prepared pulp suspension.
- * Built-in PLC and simple integrated control panel with switches and push buttons ensure easy control of all functions of the sheet former.
- * Stainless steel #100/in (#150/in optional) standard wire screen gauze for sheet forming.
- * All parts in contact with water and pulp are made of corrosion resistant materials.
- * Includes Couching Weight

OPTIONAL ACCESSORIES:

- * Pneumatic drying press SP-21 for the removal of excessive water from wet sheet
- * Standard blotter square 200mm, 250g/m²
- * Pure pulp according to TAPPI T205
- * Filter for water inlet model GS200UV - 5L/min according to ISO 14487

Power Supply: 220 VAC, single phase, 60 Hz, 750 W

Air Connection: 6 bar / 1.0m³/h

Water Connection: 3 bar / 0.25m³/h

Drain Connection: Required

Dimensions: W1300mm x L500mm x H1800mm

Weight: 150kg

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