

AUTOMATIC SHEET FORMER RAPID KÖTHEN METHOD *model SF-RK*



The SF-RK is an automatic sheet former used for the production of laboratory sheets in accordance to the Rapid Köthen method for measurement of the physical and/or optical properties of pulps.

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

The White Water Recirculation System is selectable, allowing user to operate in open loop according to ISO 5269/2 and in closed loop according to ISO 5269/3.

MAJOR TECHNICAL CHARACTERISTICS

Produces and dries large circular laboratory sheets	315 cm ² /Ø 200 mm
Plexiglas stock container with adjustable filling level	10 L
High efficiency pneumatic vacuum generator	96 kPa
Hot water circuit for dryers	93°C
Cold water circuit for dryers	20°C



Panel

Ergonomic controls with easy one push button for sheet making - filling, mixing, sedimenting and draining stages all controlled by built-in PLC. Pneumatic mixer, with integrated pressure regulator, in the stock container base ensures perfect mixing of pulp suspension and homogeneity of sheets.

Two standard dryers enables production of up to 30 dry sheets per hour, depending on grammage, type of pulp & additives used. Individual ergonomic controls for each dryer including ON/OFF switch, vacuum meter and adjustable analog countdown timer with audible end alarm.

An elegant design and solid construction includes a large polished stainless steel operating table, a welded steel structure and resistant plastic cover panels. All parts in contact with water and pulp are made of corrosion resistant materials.

Optional accessories:

- Wire tensioning device for the easy exchange of sheet forming screen gauze.
- Standard Blotter Ø 240 mm, 250 g/m², pure pulp.

Applicable standard: · ISO 5269/2 · ISO 5269/3

Power supply	220 VAC, single phase, 50 or 60 Hz, 4000 W
Air connection	6 bar, instrument quality, 9,0 m ³ /h
Water connection	3 bar, 0,5 m ³ /h
Drain connection	Required
Dimensions	(1600 x 900 x 1500) mm (W x L x H)
Weight	385 kg

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

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