

Column Sheet Former Rapid Köthen Method

SF-RK-SS

The SF-RK-SS is used for production of laboratory sheets in accordance to the Rapid Köthen method for measurement of physical and/or optical properties of pulps. Automatic and compact it offers simplicity and comfort in its operation, requiring minimum space for its installation. 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.

Ergonomic controls with easy 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.

White water Recirculation System enables sheet formation in accordance to ISO 5269/3 whereas sheets are formed using white water, simulating the close loop existing in real paper machines. At the convenience of a switch key on control panel the white water stored in an internal reservoir can be reused to produce more sheets, rather being discharged as per ISO 5269/2 determination, which determines use of fresh water only. Reservoir is manufactured in stainless steel and has capacity of 15 L.

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.

Produces large circular laboratory sheets:

315 cm /Ø 200 mm

Acrylic stock container w/ adjustable filling level: 10 L

Stainless steel white water reservoir: 15 L

Adjustable Test Frequency: 2-5 Hz

Optional Accessories:

- Sheet dryer model TD-RK
- Wire tensioning device for the easy exchange of sheet forming screen gauze
- Controlled heating of white water up to 60 °C



SPECIFICATIONS

- Power Supply:
220 VCA, single phase
50 or 60 Hz, 350 W
- Air Connection:
6 bar, instrument quality,
9,0 m /h
- Water Connection:
3 bar, 0,5 m /h
- Drain Connections:
Required
- Dimensions (W x L x H):
770 x 770 x 1600 mm
- Weight: 207 kg

Meet Industry Standards:
ISO 5269/2 & ISO 5269/3



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