

# AUTOMATIC SHEET FORMER RAPID KÖTHEN METHOD model SF-RK



Panel

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.

## MAJOR TECHNICAL CHARACTERISTICS

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

*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:

· *White Water Recirculation System - enables user to reuse white water with control of its temperature up to 60°C, reproducing in the laboratory the closed loop conditions observed in real paper machines.* · *Wire tensioning device for the easy exchange of sheet forming screen gauze*

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

Power supply	220 VCA, single phase, 50 or 60 Hz, 4000 W
Air connection	6 bar, instrument quality, 9,0 m <sup>3</sup> /h
Water connection	3 bar, 0,5 m <sup>3</sup> /h
Drain connection	Required
Dimensions	(1000 x 1700 x 1600) mm (W x L x H)
Weight	470 kg

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

