



High Temp. Wide Model (600mm wide)



No.2575-I

KRK rotary dryer (standard type)

This dryer is used for drying in the paper handmaking process. You can perform continuous drying simply by placing paper on the specimen conveyor belt. A heater is built in the dryer to heat the drum surface to a certain temperature. The movement of the specimen conveyor belt rotates the heated drum. Then the drum winds up the specimen and discharges the dried paper sheet after a half-turn. This dryer is designed to have thick walls in order to increase the thermal storage in the rotating drum, eliminating temperature drop and dispersion in temperature distribution that could otherwise occur due to feed of wet paper. This design also effectively reduces differences in migration depending on the location of the wet paper. A safety mechanism is incorporated to keep the drive motor running until the temperature drops to a certain level after completing tests.

Drum diameter: 400mm

Drum width: 400mm (wide model 600mm)

Heater: main 1.6kW and sub 0.8kW (standard model) two-stage switchover

Temperature: max. 120° C

Temperature controller: non-contact surface thermometer

Conveying speed: 0.15 to 1.0m/min. steplessly variable

Convey belt: endless (Velcro tape optional)

Power source: single-phase 200/220VAC 50/60Hz 12A (wide model 15A)

Outer dimensions: 680 x 700 x 700mm (standard model, folded)

Instrument weight: 120kg

No.2575-II

Rotary dryer for high-temperature operation

Like the type I model, this dryer dries wet paper placed on canvas in a Yankee dryer-like manner. The drum surface can attain up to 180° C so that the drying time can be reduced to rationalize operating hours. An automatic safety mechanism is incorporated to keep the motor running until the surface temperature drops to a certain level after completing tests.

Drum diameter: 400mm

Drum width: 400mm (wide model 600mm)

Heater: main 2kW and sub 1kW (standard model) two-stage switchover

Maximum temperature: 180°C

Temperature controller: non-contact surface thermometer

Conveying speed: 0.15 to 1.0m/min. steplessly variable

Conveyor belt: heat resistant canvas (endless)

Blade: Teflon blade

Drive roll: Steel roll, non-slip processing

Drum bearing: Heat resistance bearing

Power source: single-phase 200/220VAC 50/60Hz 15A (wide model 18A)

Outer dimensions: 680 x 700 x 700mm (standard model, folded)

Instrument weight: 120kg