

No.2233

Test Calender (Changeable roll type)

This model has easy change roll system. The upper arms which hold and press upper roll can move to outside. Roll is changed in short time. The heating method is High frequency induction heating system.

Steel roll : $\phi 150 \times 310$ mm hardness H s $86^\circ \pm 2^\circ$
Hard chrome coating

Soft roll: $\phi 185 \times 300$ mm
Max 190°C

Special white cotton roll: $\phi 185 \times 300$ mm (option)
Max 90°C

Speed: 5 to 20m/min

Pressure: 400 to 1900N/cm (40 ~ 200kg/cm)

Press method: Air cylinder

Roll temperature: Max 200°C

Heat method: High frequency induction heating 2.5kw 200V

Motor: 1.5kw 3phase 200/220V 50/60Hz

Air source: 0.5MPa

Power source: 3phase 200/220V 50/60Hz 20A

Outer dimension: $800 \times 1100 \times 1350$ mm

Weight: 690kg



Calender

No.2238

Gloss calender

Coated paperboard is calendered in the finishing process after coating. For paperboard thicker than ordinary paper, it is necessary to provide the desired smoothness and gloss while maintaining its bulk. The gloss calender is used to achieve this target, composed of steel roll and rubber roll, thereby ensuring specified quality including white gloss of the coated surface and printability. This simplified machine has been developed by improving the heat calender. It has a roll configuration (steel and rubber) similar to the practical calender, giving heat and pressure to the specimen, thereby offering desired gloss.

Steel roll: 175mm in diameter, 400mm in effective length, hard chrome-plated and mirror finished

Rubber roll: 175mm in diameter, 400mm in effective length, urethane rubber lining of hardness $90^\circ \pm 2^\circ$

Surface temperature: max. 150°C

Line pressure: 5 to 100N/cm, steplessly variable

Press speed: 100, 200mm/sec.

Temperature control: by slide regulator

Power source: three-phase 200/220VAC 50/60Hz, heater 1.8kW, motor 0.2kW

Outer dimensions: $900 \times 510 \times 1210$ mm

Instrument weight: 249kg

