

KRK KUMAGAI RIKI KOGYO

Test Calendar

Model No. 2230-30FS-200E

Calendaring is performed in the finishing process of raw paper or coated paper. This process gives gloss to paper surface, improves smoothness, and adjusts sheet thickness. Various mechanical constructions and roll composition are used for specific purposes. They are classified broadly into three kinds of combination: metal and metal rolls (machine calendar), metal and elastic rolls (super calendar), and metal and resin rolls (soft or gloss calendar). It is desirable to select a test calendar most suitable for the intended purpose, considering many items including material used, paper width, linear pressure, temperature, pressurizing method, heating method, sheet paper or continuous paper.

Super Calendar 30FS-200E

Roll Composition	two rolls (steel, resin)
Steel Roll	190mm in diameter, surface length 340mm special alloy steel, surface hardness Hs 87°±3° hard chrome plated and polished
Elastic Roll	250mm in diameter, surface length 330mm; resin roll
Effective Surface Length	300mm
Linear Pressure	400 to 2,000N/cm steplessly variable (in 300mm width)
Pressurization	each sheet paper (unwinding/winding device is optional)
Pressing Method	pneumatic, pin joint
Press Speed	3 to 12m/min. steplessly variable
Roll Surface Temperature	max. 150°C
Roll Heating Heater	electric, with heater inside steel roll single-phase 200VAC 1.5kW 7.5A
Temperature Control	PID control (optional slide regulator)
Roll Driving Motor	three-phase 200V 50/60Hz 1.5kW 7A
Accessory	one set of control panel
Power Source	three-phase 200/220VAC 50/60Hz 15A
Air Source	0.5MPa
Outer Dimensions	calendar: 1480 × 970 × 1610 mm control panel: 400 x 222 x 1156 mm
Instrument Weight	calendar: 931kg control panel: 80kg



Sold & serviced by:

OpTest Equipment Inc.

www.optest.com - sales@optest.com - +1-613-632-5169