No. 2625

Flat screen

This equipment is used for refining digested pulp and measuring knots. The mechanism gives vibration to digested pulp placed inside the screen box through the bottom screen resting on the rubber diaphragm, sucks them toward the screen plate and discharges them, alternately repeating, promoting passage of digested fibers and sifting through good-quality pulp.

Standard type

Screen box: 304×254×220 mm
Screen plate slit or round hole: 6/1000" to 50/1000" or 2 mm to 5 mm in diameter
Vibration frequency of diaphragm: 700 rpm
Amplitude: 3.2 mm
Gate height: 100 mm
Power source: three-phase 200/220 VAC 50/60 Hz 2A
Outer dimensions: 600×650×1200 mm
Instrument weight: 106 kg

Large-sized type

Screen box: 430×362×300 mm
Screen plate slit or round hole: 6/1000" to 50/1000" or 2 mm to 5 mm in diameter
Vibration frequency of diaphragm: 700 rpm
Amplitude: 4.4 mm
Gate height: 100 mm
Capacity: capacity ratio of standard type to large type = 1/4
Power source: three-phase 200/220 V 50/60 Hz 2A
Outer dimensions: 710×670×1250 mm
Instrument weight: 182 kg

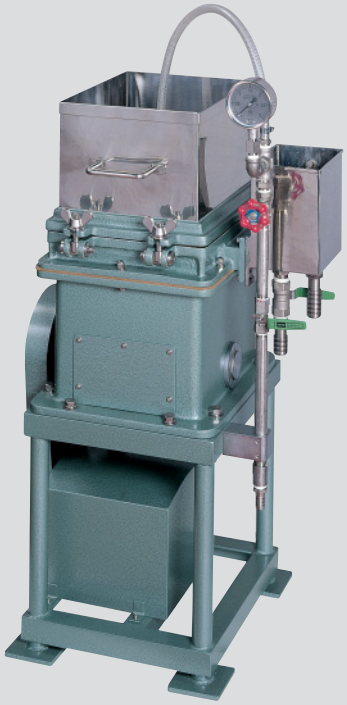
No. 2625

No. 2626

Somerville screen

This screen is used for measurement of the content of chunky fibers in GP or MP. With MP, chunky fibers may cause a problem in the paper machine's plate section or during the drying process. Structurally, this equipment is similar to the No.2625. The difference is that this screen is provided with an injection nozzle at the center of the screen, through which clean water is flashed at a certain pressure onto the plates of the screen box, preventing clogging of the plate grooves and achieving superior screening.

Screen plate: slit width 0.15 mm×length 45 mm, 756 pieces
Section in contact with liquid: SUS-304 (stainless steel)
Water injection: 8.6 dm^2/min. pressure 18 psi (1.26 kg/cm^2)
Vibration frequency: about 700 rpm
Motor: three-phase 200/220 VAC, 0.4 kW, 50/60 Hz
Referential standard: TAPPI UM-242
Outer dimensions: 600×650×1200 mm
Instrument weight: 112 kg



No. 2626