



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 x 254 x 220mm

Screen plate slit or round hole: 6/1000" to 50/1000" or
2 to 5mm in diameter

Vibration frequency of diaphragm: 700rpm

Amplitude: 3.2mm

Gate height: 100mm

Power source: three-phase 200/220VAC 50/60Hz 2A

Outer dimensions: 600 x 650 x 1200mm

Instrument weight: 106kg

Large-sized type

Screen box: 430 x 362 x 300mm

Screen plate slit or round hole: 6/1000" to 50/1000" or
2 to 5mm in diameter

Vibration frequency of diaphragm: 700rpm

Amplitude: 4.4mm

Gate height: 100mm

Capacity: capacity ratio of standard type to large type = 1/4

Power source: three-phase 200/220VAC 50/60Hz 2A

Outer dimensions: 710 x 670 x 1250mm

Instrument weight: 182kg



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 0.15mm x length 45mm, 756 pieces

Section in contact with liquid: SUS-304 (stainless steel)

Water injection: 8600ml/min. pressure 18psi (124kPa)

Vibration frequency: about 700rpm

Motor: three-phase 200/220VAC 0.4kW 50/60Hz

Referential standard: TAPPI UM-242,T-275-2012

Outer dimensions: 600 x 650 x 1200mm

Instrument weight: 112kg