



No.2590

Pulp classifier (4-tank standard type)

This tester readily screens pulp fibers through screens into groups by fiber length. It consists of four screening tanks with wire cloth of different mesh sizes and an injection tank. As water and pulp are poured into the tanks together at a certain flow rate, fibers run along on the water flow to be screened into the four tanks serially placed on steps. Agitators are provided in order to prevent fibers from being deposited on the screens. The component elements are coupled together with a V-shaped belt, simplifying the mechanism and controlling noise.

<Features>

1. The serial arrangement of the tanks achieves superior operability and allows the tester to be installed along the wall
2. The drain valves of the respective screening tanks are eliminated and now rubber stops are employed, preventing fibers from depositing inside tubes. Alternatively, a model with ball valves is also available
3. With a ball bearing working in the agitator section, this tester runs with smooth rotations and low noise
4. As the specimen injection tank is provided with a built-in top plate, check or washing the inside can be done easily
5. To fix metal screens onto the tanks in place, a lever can be used for tightening, which leads to a significant improvement of workability

Specimen: 10g (O.D.)

Concentration: 1%

Wire cloth opening (in μm) of screening tank:

select 4 opening sizes among 1400(12), 1000(16), 710(22), 500(30), 355(42), 300(50), 250(60), 180(83), 150(100), 106(140), 75(200) [mesh in parentheses]

Specimen tank capacity: 2 liters

Flow rate: 8.3 liters/min.

Flow meter: float type 10 liters

Rotation speed: 800rpm

Wire cloth mounting: one-touch lever operation

Referential standard: JIS P-8207-2009

Power source: 100/110VAC 50/60Hz 3A

Outer dimensions: 1450 x 480 x 1530mm

Instrument weight: 127kg

No.2591

Pulp classifier (single-tank type)

Like the No.2590, this tester screens pulp fibers through screens into groups by fiber length. It is used for checking the condition of fiber length distribution and for measuring changes of fiber lengths caused by beating. Compared to the four-tank type, this model provides easier operation and more accurate measurements, and is the most suited type of tester for controlling the beating process at a plant.

Wire cloth opening (in μm) of sieving tank:

select one opening size among 1400(12), 1000(16), 710(22), 500(30), 355(42), 300(50), 250(60), 180(83), 150(100), 106(140), 75(200) [mesh in parentheses]

Flow rate: 8.3 liters/min.

Rotation speed: 800rpm

Wire cloth mounting: one-touch lever operation

Referential standard: JIS P-8207-2009

Power source: 100/110VAC 50/60Hz 2A

Outer dimensions: 590 x 440 x 1130mm

Instrument weight: 35kg