

No. 2593

Bauer-McNett pulp classifier

It is widely recognized that the fiber length is an essential pulp property. Measuring methods available for fiber lengths can be grouped into two: a microscope/projector-dependent method for measurements of fiber images, and a method of sieving pulp slurry through wire cloth of appropriate mesh sizes. This tester is based on the second type of measuring methodology. Like the JIS type, this tester classifies fibers into groups of certain lengths, weighs fibers in the respective tanks, and provides distribution of fiber lengths. It has various advantages including superior accuracy, reproducibility, operability, quick processing, etc.

Standard wire cloth: 4, 6, 8, 10, 14, 20, 28, 35, 48, 65, 80, 100, 150, 200 mesh

Flow rate: 11.355 l/min. (feed tank with overflow device)

Specimen: 11 g (O.D.)

Wire cloth area: 1,342 cm²

Time for screening: 20 min.

Wire cloth replacement time: 5 minutes

Optional: flow meter

Referential standard: TAPPI T233cm-95

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

Outer dimensions: 1310×500×1540 mm

Instrument weight: 228 kg



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No. 2598

Pitch tester

This tester measures the resin content in pulp that may cause pitch trouble. The tester consists of an agitator fabricated with wire cloth, a pulp container and a temperature-adjustable bathing tank. As the agitator rotates in pulp slurry, the resin content is deposited on the triangular wire cloth. To calculate the pitch volume, the deposits are dissolved in a solvent, and the resin content is separated using an extractor, dried and then weighed.

Concentration: 3 %

Specimen: 150 g (O.D.)

Referential standard: J.TAPPI No.11

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

Outer dimensions: 540×640×670 mm

Instrument weight: 70 kg



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