

Canadian Standard Freeness Tester

Model No. 2580-A

Beating pulp fiber provides effects such as fibrillation, generation of fines, reduction of fiber in length and volume, etc. depending on the beating method and time. As a result, various physical characteristics of the paper are affected in addition to the fluidity and drainage performance on wire cloth. Beating has a significant role in the paper manufacturing process, and the resulting drainage performance needs to be evaluated. Some of commonly used evaluation methods involve use of a Canadian standard tester and Schopper-Riegler freeness tester. In those methods, a certain amount of suspension liquid is filtered through a screen plate or wire cloth, and the white water is sampled from the funnel side tube, whose amount is measured and used to determine the beatability. This tester uses a screen plate for filtering suspension liquid and is provided with a cock to be operated to start drainage. Thus, it eliminates differences in the result when different operators are involved, yielding high accuracy.

Specifications

Specimen:	3g O.D.
Concentration:	0.3%
Standard Accessory:	one screen plate
Optional:	one measuring cylinder 1000cc, mounting support
Referential Standards:	JIS P-8121-2012, TAPPI T227om-94, ISO 5267/2
Outer Dimensions:	main unit 300 x 300 x 730mm (not including the support)
Instrument Weight:	28kg



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