

COBB SIZING TESTER

Description:

The Cobb Sizing Tester represent an economical and practical means of determining liquid absorptiveness or resilience of treated and untreated papers, boards, fabrics and other sheet materials.

Water absorptiveness of paper board or other materials is a function of various characteristics such as sizing, porosity, etc. The Cobb sizing test can be used to test absorption or resistance to absorption of water, oil and other liquids.

This procedure determines the quantity of water absorbed by a sample of paper or other sheet material in a specified time and under standardized conditions. Other liquids such as ink, beverages, oil and water based solutions may be used instead of water. The standard area is 100 cm², into which 100 cc of liquid are poured to reach a specific height of 1 cm.

The Cobb Sizing Tester consists of a hollow metal cylinder or ring with an 100 cm² inside area, a metal base plate with a clamping device to hold the ring against the sample and a neoprene mat. A critical component of this test is a solid stainless steel roller having a smooth face 20 cm wide and weighing 10.0 ± 0.5 kg.



Technical Details:

Dimensions	20 x 20 x 18 cm
Weight	13 kg

Standards:

ISO 535 • EN 20535 • TAPPI T441 • NF Q-03-018 • NF Q-03-035 • FEFCO 7 • DIN 53132