

Surface Absorbance Tester



Product introduction

Cobb water absorption tester product use:

The Cobb water absorption tester is based on the basic parameters and requirements specified in ISO 535:1991 paper and paperboard water absorption measurement method. Designed. This standard is suitable for determining the water absorption of various paper or paperboard surfaces. However, it does not apply to the accurate evaluation of the writing performance of paper or cardboard.

The paper and board absorbency tester is a conventional instrument for the water absorption test of paper and paperboard, also known as a paper surface absorption weight tester.

This instrument uses the Cobb test method in various methods of absorption test, so it is also called the Bob Absorption Tester.

Features

Paper and board surface water absorption (Cobb) values:

The amount of water absorbed by the surface of paper and paperboard per unit area under a certain pressure and temperature within a specified time, in g/m².

The specific formula is as follows:

$C = (G2 - G1) \times 100$. Where: C-bottle water absorption value; G2-sample quality after water absorption; G1-sample quality before water absorption.

Executive standard new

1. Determination of water absorption of ISO 535 paper and board. Cobb method
2. "QB/T 1668 Bobo Absorbency Tester"

Technical Parameters

The cross-sectional area of the metal cylinder is $100 \pm 0.2 \text{ cm}^2$ (corresponding inner diameter is $112.8 \pm 0.2 \text{ mm}$), the cylinder height is 50mm, and the cylinder ring surface is connected with the sample.

The touch portion should be smooth.

The absorbent paper has a basis weight of 200 to 250 g/m² and an absorption speed of 75 mm/10 min.

When the basis weight of the absorbent paper is less than 200-250 g/m², multiple layers can be used to meet the requirements.

Smooth metal flat roll: the width of the roll is $200 \pm 0.5 \text{ mm}$ and the mass should be $10 \pm 0.5 \text{ kg}$.

Instrument dimensions: 280 × 320 × 310mm, instrument net weight 26.5kg