

Cobb Water Absorption Tester

Model : RC-COBB



Product Introduction:

This machine is based on GB/T1540-2002 Method for determination of water absorption of paper and paperboard (Copper method). The basic parameters and requirements are designed. This standard applies to the determination of the water absorption of various paper or board surfaces, but not applicable. It is used to accurately evaluate the writing performance of paper or cardboard. Water absorption on the surface of paper and cardboard (Cobb) value: Paper and cardboard per unit area under a certain pressure and temperature, in the specified. The amount of water absorbed by the surface in a given period of time is g/m^2 meter.

The specific formula is as follows:

$$C=(G2-G1)\times 100.$$

In the formula: C-Copper water absorption value; G2-The mass of the sample weighed after absorbing water G1-The mass of the sample weighed before absorbing water.

Paper and cardboard absorbency tester is a common instrument for water absorption test of paper and cardboard surface Standard instrument, also known as paper surface absorption weight tester. This instrument adopts the absorptive test of various methods of (Cobb) test method..

Specifications :

Model	RC-COBB
Capacity (Options)	2, 5, 10, 20, 50, 100, 200kg
Cross-Sectional Area	100±0.2cm (the corresponding inner diameter is 112.8±0.2mm)
Cylinder Height	50mm,
Absorbent Paper Weight	200~250g/m ²
Absorption Rate	75mm/10min
Smooth Metal Flat Rolls	Roll Length : 200±0.5mm Mass : 10±0.5kg
Water Consumption	100mm±5ml
Dimension (Mm)	480 × 400 × 420
Weight	28kg