Summary:

The design of the instrument is based on the GB/T1540- 2002 paper and cardboard water Absorption method (Cobb method) provide basic parameters and requirements. This standard Applies to determination of surface water absorption about all kids of paper or cardboard. But it is not for the accurate evaluation of paper or the writing performance of cardboard.

Main features:

The value of paper and cardboard surface water absorbing capacity (Cobb): the unit area o f paper and cardboard in a certain pressure and temperature, within the time specified the absorption of water by surface to g / m2 meter. The specific formula is as follows: C = (G 2 - G1) x 100. (C - value of Cobb water absorption; G2 -the sample quality after absorbing water; G1 - the sample quality before absorbing water)

Paper and cardboard absorbing tester is the conventional instrument of the paper and cardb oard surface water absorption test, also called the weight of paper surface absorption tester. The instrument adopts Cobb test method of the various methods in the absorption test, it is also called Cobb absorption tester.

Specifications:

Metal cylinder Inner section Area	100 ± 0.2 cm2
Cylinder height	50 mm
Quantitative Absorption Paper	200~250 g/m2
Absorption Rate	75 mm/10 min
Smooth Metal Roller	Width: 200 ± 0.5 mm; Weight: 10 ± 0.5 Kg
Environmental Conditions	Temperature: 20~40°c; Relative Humidity: < 85%
Outside dimension(L×W×H)	380×290×410 mm
Weight	30 Kg