

## LTKBXS-01

### Cobb absorption tester



It is suitable for measuring the water absorption of various paper or cardboard surfaces. But it is not suitable for accurately evaluating the writing performance of paper or cardboard.

Test principle Water absorption (Cobb) value on the surface of paper and cardboard: paper and cardboard per unit area under certain pressure and temperature

Bottom, the amount of water absorbed by the surface within the specified time, in g/m<sup>2</sup>. The specific formula is as follows:  $C=(G_2-G_1) \times$

100. In the formula: C-water absorption value; G<sub>2</sub>-the mass of the sample weighed out after water absorption; G<sub>1</sub>-the mass of the sample weighed out before water absorption

the amount. Paper and cardboard absorbency tester is a conventional instrument for water absorption test on paper and cardboard surface, also known as paper surface

Absorption weight tester. This instrument uses the Cobb test method among the various methods of absorption test, so it is also

It is called the bob absorbability tester.

#### Specification

Test area  $100 \pm 0.2 \text{cm}^2$

Corresponding internal meridian	112.8±0.2mm
Metal cylinder height	50mm
Roll width	200±0.5mm
Roller mass	10±0.5kg
Dimensions	480×400×420 (mm)
Weight	28kg
Ambient temperature	15°C–35°C
Relative humidity up to	70RH%

#### Reference standard

GB/T1540–2002 Test Method for Water Absorption of Paper and Paperboard  
(Keber Method)

#### Product configuration

Main machine, standard pressure roller, one measuring cylinder 100ML, one pack of qualitative filter paper