

HST-KBXS01 Cardboard Water Absorption Paper Cobb Sizing Tester



Picture just for reference

Application:

The COB absorbency tester is designed according to the basic parameters and requirements specified in GB/T1540-2002 Determination of water absorption of paper and cardboard (COB method). This standard is suitable for determining the water absorbency of various paper or cardboard surfaces. However, it is not suitable for accurately evaluating the writing performance of paper or board.

Standards

ISO535 GB/T 1540

Parameters

1. The internal cross-sectional area of the metal cylinder is $100\pm0.2\text{cm}$ (corresponding inner diameter is $112.8\pm0.2\text{mm}$), the cylinder height is 50mm, and the contact part between the cylinder ring surface and the sample should be smooth.
2. The basis weight of absorbent paper is $200\sim250\text{g}/\text{m}^2$, and its absorption speed is $75\text{mm}/10\text{min}$. When a single layer of absorbent paper has a basis weight of less than $200\sim250\text{ g}/\text{m}^2$, multiple layers can be superimposed to meet the requirements.
3. Smooth metal flat roller: The length of the roller is $200\pm0.5\text{mm}$, and the mass should be $10\pm0.5\text{kg}$.
4. Test water consumption: $100\text{mm}\pm5\text{ml}$.
5. Dimensions and weight: Dimensions: $<480\times400\times420\text{ (mm)}$