



SEMIAUTOMATIC
COBB SIZING
TESTER
> CT-A model

To determine the water absorption capacity of paper and corrugated cardboard

SEMIAUTOMATIC COBB SIZING TESTER

APPLICABLE STANDARDS:

TAPPI T441 - ISO 535 - NF Q-03-018 - NF Q-03-035 - FEFCO 7 - DIN 53132 - EN 20535 - SCAN P12..

TEST DESCRIPTION

The CT-A is used to determine the water and oil absorption capacity of paper. The Cobb equipment allows you to measure the liquid amount that penetrates in a paper sheet and cardboard. It is the calculated weight of the absorbed liquid in a specified time per 1 m² of paper or cardboard under standard conditions (ISO 535).

First pour 100 ml of liquid into the cylinder vessel. Weigh the dry sample (adjusting to the nearest milligram) and place it, with the side to be tested facing up and in contact with the perimeter of the vessel. Turn the vessel 180° with the lever and the timer will activate automatically. The liquid contained in the cylinder will now be in contact with the sample. The audible alarm indicates that the programmed time for pre-notice has expired. Return the vessel to its initial position. Open the vessel cover, remove the tested wet sample and place it, with its wet face upwards, on a blotting paper. This blotting paper must be previously positioned on the movable support-basis. After the time determined by the industry standard you have selected is met, place a second blotting paper over the sample. Eliminate the excess of liquid from the sample by passing the 10 kg roller over the sample twice - one time forward and another time backward. Be careful not to apply any additional pressure to the roller when passing over the sample. Next fold the sample with the wet side facing in, and weight again. Now you can calculate, in grams per square meter the liquid absorption.

- Unger type Cobb equipment
- Sample test area 100 cm²
- Valid for water and oil
- Timer with automatic audible alerts for start, pre-notice and end of test alarms
- The cylinder vessel can be turned over for better immersion of the sample
- Manufactured under standard specifications
- Integrated pressure roller with a mass of 10 +/- 0,5 kg standard specification
- Glass vessel bottom to view absorption
- Stainless steel construction
- CE Marked

In addition to this equipment, it is also needed: blotting paper with a basis weight of 200-250 gr./m² and the analytical balance with a sensitivity of 0.001 g,

DIMENSIONS APPROX.: 430 x 380 x 270 mm (W x D X H)

NET WEIGHT: 20 Kg

TRANSPORTATION BOX DIMENSIONS APROX: 580 x 450 x 380 mm (W x D X H)

GROSS WEIGHT: 30 Kg

STANDARD SUPPLY CONTENT:

- * COBB SIZING TESTER CT-A