

Internal Bond Tester (Plybond Tester) Interlayer Peel Strength Testing Machine Model: RC-ZQY



Machine Introduction:

The paper and cardboard in-bond strength tester is mainly used to test the Z-direction tensile strength (i.e. interlayer bond strength) of paper and paperboard. Reflects the ability of paper and cardboard to resist separation between layers, that is, the strength of the internal bond between paper and cardboard.

Internal bond strength can be fully controlled, which is very important for processing multi-layer paper and cardboard, if the internal bonding value is low or unevenly distributed, it may cause problems when the paper and cardboard are tiled in offset presses using viscous inks; If the bonding strength value is too high, it will bring difficulty to processing and increase the company's costs. The test is widely used in multi-layer cardboard such as boxboard, white cardboard, grayboard paper, white cardboard, etc. in the printing and packaging industries.

Function:

- The whole machine has a strong rigidity and stable structure to avoid energy loss caused by vibration during the test;
- Reliable specimen clamping and positioning, reducing the error caused by sampling of specimens;
- Specimen pressurization device electric pressurization
- It has a computer communication interface and can communicate with the host computer software (optional).

Test Standards:

- GB/T 26203 :Determination of binding strength within paper and cardboard (Scott).
- TAPPI T-569 : 《internal bond strength (scott type) correction》

Technical Specification:

Measuring Range	(20 ~ 1000) J/m ² ;
Accuracy	±1 J/m ² ;
Resolution	0.1 J/m ² ;
Impact Angle	90°
Number of specimens	5 groups
Display	3.5" LCD
Printer	thermal printer, printing high-speed mute
Communication output	RS232 (standard) / USB (optional)
Pressurization device	Electro-hydraulic, pressurized, eliminating manual laborious operation
Environmental conditions	Room temperature (20±10) °C. Relative humidity <85%
Dimensions	(520× 420 × 710) mm (L× W× H)
Net weight	Approx. 67kg

Product Image References:

