KASON-DPT01 Disc Peeling Tester (Printing Ink Layer Adhesion Strength Tester)



Note: The picture is for reference only

Applications:

The disc peel tester (printing ink layer adhesion strength tester) is professionally designed for testing the adhesion strength of printing ink layers on plastic films and cellophane decorative printed materials (including composite film printed materials) produced using gravure printing processes. It is also used to test the adhesion state of surface layers formed by vacuum coating, surface coating, lamination, and other related processes.

Instrument Features:

The peeling angle and speed are designed strictly according to national standards, effectively ensuring the reliability and universality of the test data.

The system is microcomputer controlled and equipped with a PVC operation panel, allowing users to quickly and easily perform tests.

Pneumatic constant pressure, adjustable pressure. This effectively avoids the drawbacks of weight suspension and the inaccuracy of spring devices.

Test Principle: Cellophane tape selected according to standards is bonded to the ink-printed surface of the sample after the test environment has been conditioned. It is then bonded together with standard load, rolling speed, and number of rolling cycles. After a certain adjustment period, it is peeled off with a specific pressure and peeling speed. The peeling condition of the ink layer is observed and measured to determine the adhesion strength of the printing ink layer.

Reference Standards:

GB 7706, GB 7707, JIS C2107, JIS Z0237

Technical Specifications:

1. Inter-disc pressure: 100 N
2. Peeling speed: 0.8 m/s
3. Dimensions: 280 mm (L) × 240 mm (W) × 350 mm (H)
4. Power supply: AC 220V 50Hz
5. Net weight: 18 Kg

FOCUS IN MATERIAL TEST

KASONTEST®

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