

RT-01 Rub Tester

Rub tester is designed and manufactured according to ASTM D 5264. It is applicable in abrasion resistance test of printed materials like labels, folding cartons, corrugated boxes, inserts, circulars, and other packaging materials having applied graphics on a flat substrate. It can help users to analyze the affairs of lower abrasion assistance, ink layer falling-off, lower printable of PS boards, and rigid of coating layers of other products.

Characteristics

Comply with standards of ASTM and TAPPI

Applicable in dry or wet rubbing or scuffing, wet bleed, transfer, wet smear and functional tests.

Arc moving model, double testing station, high efficiency

Manifold speeds, convenient and flexible.

Micro computer controls, film front control panel

LCD displays testing data

Function of memory when power off, buzzer prompts automatically when test is finished.

By test, controls production technique efficiently, avoids loss of goods returns caused by bad quality.

Principle

The specimen's coating and receptor rub each other under specified speed and pressure load. Determine the abrasion of coating or ink layer by test the decrement of coating concentration or decrement of coating thickness.

Technical Data

Rubbing pressure: 8.9N (2lb), 17.8N (4lb)

Rubbing speed: 21, 42, 85, 106cpm

Rubbing motion: to-and-fro arc motion

Rubbing times: 0~999,999

No. of specimens: 1~2 pieces

Dimension: 485 mm (W) × 390 mm (D) × 230 mm (H)

Power: AC 220V 50Hz/60Hz

Net weight: 40 kg

Standards

ASTM D5264 TAPPI T830

Configuration

Standard: Mainframe, test block 8.9N (2lb), test block 17.8N (4lb), Rubbing pad

Optional: Non-standard test block

