

TB523 Film Rubbing Tester

Film Rubbing Tester | Composite Film Rubbing Tester (ASTM F392) is suitable for testing the rubbing resistance of various flexible films, composite films, coated films and other materials. It can simulate the rubbing, folding and compression damage of the film during production, processing, transportation and other processes. After the rubbing test, the anti-rubbing performance of the material is judged by detecting changes in the number of pinholes before and after the sample or changes in barrier properties, providing a quantitative basis for packaging design and practical application.

Main technical features of film rubbing tester | composite film rubbing tester (ASTM F392):
Five standard test modes and four sample stations easily enable combined testing under different conditions

Quick switching between long and short strokes greatly improves testing efficiency

The servo motor is more precise and in place, further ensuring the accuracy of test results.

The system provides dual security protection of software and hardware and an intelligent design of automatic reset, providing users with a safe operating environment.

The system is controlled by a microcomputer and is equipped with an LCD display, menu interface and PVC operation panel to facilitate users to conduct test operations quickly and conveniently.

Equipped with a micro printer to facilitate users to print test data at any time

Implementation standard: ASTM F392

Basic application:

Testing of flexible films, composite films, and coated films - suitable for testing the rubbing resistance of plastic films, sheets, and composite films. Such as various composite films, aluminized films, aluminum-plastic composite films, nylon films, coated films, etc. used for food and drug packaging.

Paper materials - suitable for rubbing resistance testing of paper materials

Film rubbing tester | Composite film rubbing tester (ASTM F392) technical indicators:

Rubbing frequency: 45 times/minute

Pulling pressure: 300N

Rotating torque: 2Nm

Sample thickness ≤ 2.5 mm (other thicknesses require optional fixtures)

Kneading angle: 440° or 400°

Horizontal travel: 155 mm or 80 mm

Number of workstations: 4 workstations

Number of samples: 1 to 4 pieces

Specimen size: 280 mm x 200 mm

Host size: 715mm(L) x 415mm(W) x 645mm(H)

Power supply: 220VAC 50Hz / 120VAC 60Hz

Net weight: 85 kg

Note: Multiple specimens will equally divide the tensile pressure and torque.

