

GBPI®

GX-C3 Ink Rub Tester



Packaging Testing Industry Leader

Introduction

GX-C3 Ink Rub Tester is designed based on international standards and is used to test the wear resistance of printed ink layers and surface coatings of related products. It can accurately evaluate the scratch resistance, ink layer adhesion and coating hardness of printed products, providing a scientific basis for printed product quality control and material performance optimization.

Test principle

The clean offset paper is rubbed against the printed surface under a certain pressure. After a certain number of times, the sample is removed to test the surface density. The ratio of the surface density to that before friction is the wear resistance of the ink layer.

Standard

ASTM D5264, TAPPI T830



Specification

Item	Parameter
Friction pressure	8.9 N (2lb) ; 17.8N (4lb)
Friction speed	10-200 cpm
Friction mode	Arc reciprocating
Number of friction	0~999999
Number of samples	1 piece
Power supply	AC 220V, 50 Hz
Power	350W
Dimensions	L×W×H: 440 mm×400 mm×200 mm
Net weight	20 kg

Features

- ◆ The friction mode of arc motion can more realistically simulate the complex motion state in actual applications.
- ◆ The system provides four test functions: dry friction, wet friction, migration, and wet trace.
- ◆ It supports friction pressure selection, friction number setting, and friction speed setting.
- ◆ The host is equipped with a color touch screen, which is convenient for users to perform test operations quickly and conveniently.

