

INK RUB RESISTANCE TESTER

ASTM/BS dual 2 in 1 model **Model- URT101**

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Lloyds laboratory Rub Resistance Tester is a tool for comparing the rubbing, scuffing and marking of inks and coatings on commercial print and packaging. It can be used as a part of quality control in a production environment or an aid to development in the laboratory.

Modern papers and carton boards can prove a challenge for inks and coatings. Harsh substrates such as matt paper and recycled board are prone to marking, scuffing and rubbing during post print production and transportation.



The Ink Rub Resistance Tester is designed to determine the quality of adhesion, and scuff resistance of ink to paper surfaces, plastic and aluminium film. The motorised unit is simple to operate by entering the number of rubs in the pre-set counter and starting the unit. It will rub the sample until the pre-set value is achieved. Dry and Wet rub can be performed on the Ink Rub Resistance Tester.

The method of operation is that a 2 or 4 Lb weight with a clean white board is swept across the test piece for a set number of times, then closely examined.

The washability and resistance to fat, oils and detergents of inks and coatings can also be tested. This tester allows the user to visually compare the performance of different batches of production, ink/varnish formulations or substrates under the same abrasive conditions.

Standards

BS 3110
ASTM D5264
TAPPI T830

Features

- 2 in 1 unit for ASTM and BS test method
- Easy setup and configuration for fast test
- Programmable cycle to run test unsupervised
- Compact and Maintenance free design

Application

Ink Manufacturers
Printers
Packers
Packaging developers

Specification

- ◆ 2 LBS and 4 LBS test weights
- ◆ Test Speed: (ASTM) 21/42/85/105 Rubs/min & (BS) 47 Rubs/min
- ◆ Cutting templates: Sample: 152 x 51mm & Base: 152 x 76mm

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