

hanatek



www.hanatekinstruments.com

RT4 Rub and Abrasion Tester

Applications

- Ink manufacturers
- Printers
- Printed packaging
- Packaging developers

Hanatek products are exclusively
manufactured and distributed by

 **RHOPOINT**
INSTRUMENTS

RT4 Rub and Abrasion Tester

DURABILITY OF – INKS • COATINGS •

The RT4 rub and abrasion tester was designed by Hanatek to increase the efficiency and repeatability of rub proof testing.

The instrument is used for testing the ink / print, marking and rub resistance of cartons, films and commercial printed material.

It is also used for checking the cure and adhesion of UV inks and coatings.



PRINTED CARTONS & FILMS • LABELS

METHOD OF OPERATION

Instrument platen and test head are driven at an identical speed of 1 rev/sec. This creates a very even abrasion between the top surface and the entire area of the larger test sample.

An air hose blows away sample test debris to ensure no additional abrasion from loose ink particles.

After testing, the 2 samples are visually analysed.

FEATURES

Choice of measuring heads

The instrument is supplied as standard with the felt measuring head and pad.

This is suitable for the face to face (printed surface to printed surface) method described in BS 3110 and also the printed surface to reference material such as a Mellotex.

Alternative measuring heads/pads are available for conducting:

- Abrasion test

This test is to check the through cure of coatings and UV varnish. This test will mimic the effect of transportation on printed material.



- Wet rub test

This test checks for coating resistance to water/solvent.

Touch screen operated

Intuitive touch screen operation ensures incredibly quick configuration of test parameters.

Automatic abrasion cycles

The cycle time is pre-programmed allowing the test to run unsupervised.

APPLICATIONS



Bar code labels



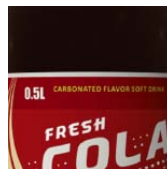
Security printing



Printing Ink



Holograms



Films



Newspaper



Magazines



Printed packaging

SAMPLE PREPARATION

Choice of sample cutters:

Sample templates for 50mm² / 115mm².



Suitable for thin samples and low volume testing.

Sample Press

Allows for 2 repetitions for both sample sizes to be taken quickly from a single sheet.



Suitable for all types of sample thickness and medium to high volume testing.

RT4 Rub and Abrasion Tester

RT4 SPECIFICATION

Standards	BS 3110 Programmable testing
Weights	0.5, 1.0 and 2.0 Psi pressure
Certification	UKAS traceable calibration certificates (Instrument and test masses) ISO17025 calibration certificates available on request
Warranty	Free extended two year comprehensive guarantee as standard
Power	110/240V 50/60 Hz
Net weight	10kg max
Dimensions	Height: 420mm Width: 350mm Depth: 250mm

OPTIONAL ACCESSORIES

Results printer



Simple reporting of results which can be attached to retained samples



Certificate No. FM29741
ISO: 9001-2008

LOCAL AGENT



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