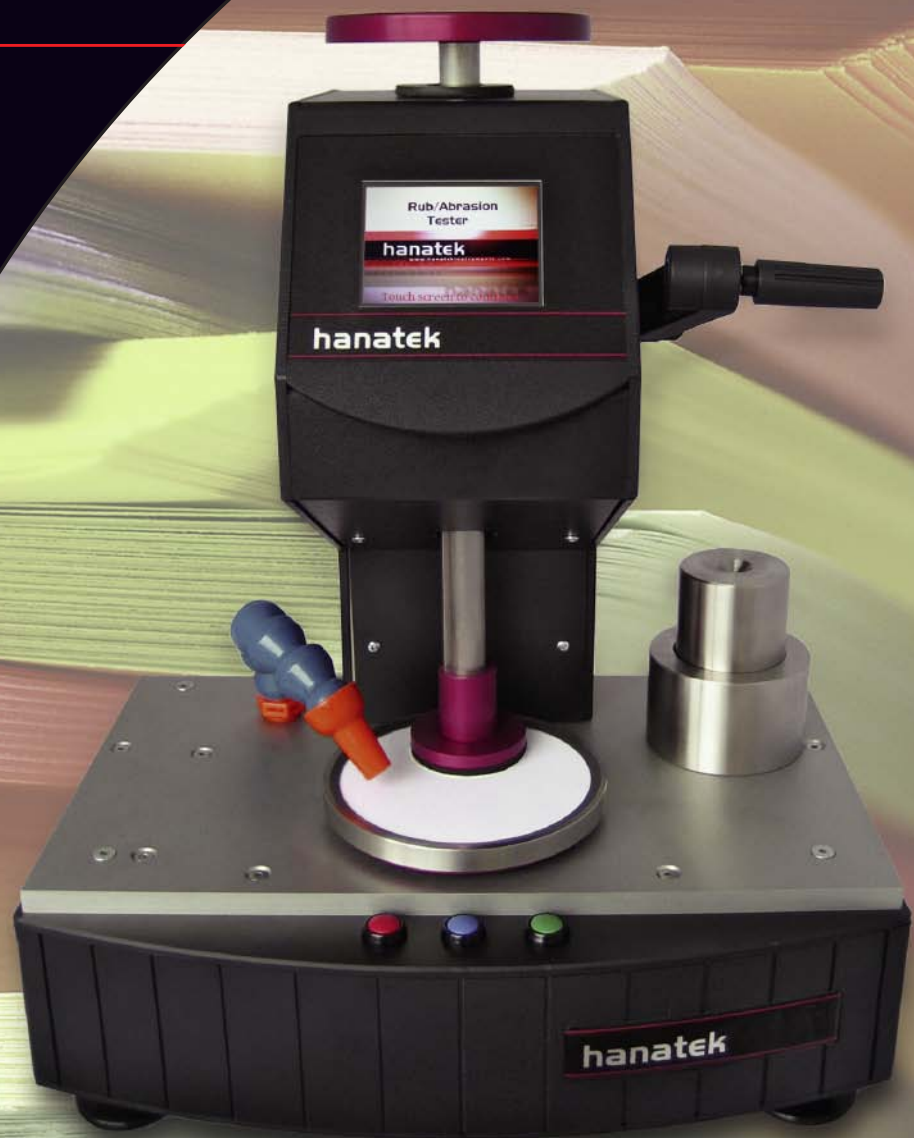


hanatek



www.hanatekinstruments.com

RT4 Rub and Abrasion Tester

Applications

- Ink manufacturers
- Printers
- Printed packaging
- Packaging developers

Hanatek products are exclusively
manufactured and distributed by



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

The 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 affects the results. 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

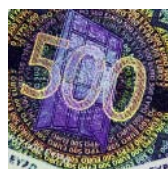
Intuitive touch screen operation ensures incredibly quick configuration of test parameters.

Automatic abrasion cycles

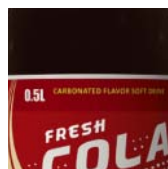
The cycle time is pre-programmed allowing the test to run unsupervised.



Printing inks



Holograms



Films



Newspaper



Magazines



Printed packaging



APPLICATIONS



Bar code labels



Security printing

SAMPLE PREPARATION

Sample cutters:

- Sample templates for 50mm and 115mm $\varnothing$ (included with instrument).

Suitable for low volume testing.



- Universal sample cutter. Allows for simultaneous cutting of 50mm and 115mm $\varnothing$ samples.

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) ISO 17025 calibration certificates available on request
Warranty	Free extended two year comprehensive warranty as standard
Power	110/240V 50/60Hz
Net weight	10kg max
Dimensions	(H) 510mm x (W) 450mm x (D) 420mm
Packed weight	16kg
Packed dimensions	(H) 420mm x (W) 350mm x (D) 250mm
Commodity code	9024 8011

OPTIONAL ACCESSORIES

Results printer



Simple reporting of results which can be attached to retained samples

- Wet head attachment
- Scratch head attachment
- Universal sample cutter



Certificate no: FM 29741
ISO 9001:2008

LOCAL AGENT



hanatek

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