RADIAN RUB TESTER

The radian rub tester determines the abrasion resistance of printed surfaces.
It will also asses the comparative transfer between surfaces.

Operation

The printed specimen to be tested is clamped on a rubber covered fixed platen. Over this platen a rubbing block holding the plain material is moved backwards and forwards by a driving arm for a predetermined number of cycles. The machine then automatically stops and the test samples can be removed for analysis.

Procedure

1. Cut the specimens to the required sizes using the two templates provided

2. Clamp the printed specimen to the platen and the plain specimen to the rubbing block, making sure they are dust free

3. Locate the rubbing block on the rocking arm and add the additional weight to the block if required (if it is not needed this weight can be stored in its locating hole at the back of the rocking arm)

4. Set the number of cycles required on the numerical control and switch on

5. When the test has finished, remove the two strips for analysis

Features

- Simple and accurate method of determining the rub and abrasion resistance of inks printed on a variety of materials

- Robust construction

Cardboard, Packaging, Paper, Plastics, . . .

Physical specifications

Dimensions
40 x 24 x 23.5 cm (WxHxD)

Net Weight
13.2 kg

Standards

BS 3110.1959

Performance data

Rubbing block
10 x 5 cm, with 2 pads 5 x 2.5 cm, weight 0.9 kg

Fixed platen
20.3 x 7.6 cm

Number of strokes
1-99999

Stroke length	Stroke speed	Stroke radius
5.7 cm	47 cycles / min	22.85 cm

Additional weight
0.9 kg

Power supply
220 - 240 V, 50 Hz, 1 A

Cleaning
Clean the rub tester with a dry cloth only - we do not recommend the use of solvents

Agent

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