

LLOYDS Research Foundation. Inc

LLOYDS Rub Proofness Tester



BS 3110 : 1959

Instrument to measure accurately the rub resistance and color transfer of printed or coated sample on Paper, board, plastic and leather materials

Application

Printing ink, paper, board, Plastic and leather

- **Lloyds Rub Proofness Tester** is specially designed to measure accurately the rubfastness of prints on paper or board, color transfer from printed or coated materials during rubbing and the abrasion resistance of some plastic materials and leather. It lends itself as an ideal test-bed for investigating under carefully controlled conditions new procedures, which involve a rubbing action to establish rubproofness of material under test.
- The resistance to abrasion is an important aspect of many printed articles, particularly on paper or board. Demands for improved abrasion resistance continue while the speed of packaging rise, giving greater possibility of severe scuffing from other printing surfaces or from contact with the production machinery itself. The Lloyds Rub Proofness Tester is designed to cover the severest conditions likely to be encountered.
- Unique design of the Lloyds tester will give an exact comparison of results as to how much a particular print will rub off in practice, and scuff resistance compared with another printed ink sample under the same conditions of the test. The degree of rub and scuff resistance sought for a given ink depends on the end use of the printed sample and how much the printed job is going to be subjected to any form of abrasion.

Instances when abrasion occurs

- Cartons being placed in and moved off the shelf
- Books being rub/scuffed against each other
- Tins and cartons knocking into each other or into guide rails or rollers during packaging
- Handling of magazine and papers
- Rubbing of printed items on to a persons clothes

Advance Design Features

- Best for product testing for quality control and R & D laboratory use
- New State-of-the-art design with 2" & 4" diameter specimen test beds rotating at the same angular speed, the relative velocity between all points on each disc is uniform and passes through all direction in the plane of contact with calibrated pressure weight for ½, 1 & 2 Lbs / Sq.inch and high speed blower for removing dismantled print or paper particles during the rubbing action for accurate evaluation of the test result
- Fast, repeatable and accurate results
- Very Simple and easy to operate
- Almost Nil or low and easy maintenance
- Robust and Stainless Steel construction
- Life time Asset to your quality control laboratory

Electrical

- 230 Volts 50 /110 Volts 60 Hz
- 120 Watts power consumption

Weight & Dimensions specifications

- Unit physical dimension - 9"W X 15 ½"D X 13"H - Net Weight 24 Kgs
- Shipping Dimension - 17"W X 24" D X 19" H - Gross Weight 40 Kgs

Designed, Manufactured & Marketed by -

LLOYDS RESEARCH FOUNDATION, INC.

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