

Ink Rub Tester

Model: I0001 & I0002

a measurable difference...

IDM[®]

instruments

IDM Ink Rub Testers 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 then 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 Tester. The method of operation is that a 2lb or 4lb weight with a clean white board is swept across the test piece for a set number of times, and then closely examined for scuffing.

Single Arm Unit

The Single Arm Unit **I0001** utilises a single arm to perform ink rub tests on single samples.



Model I0001 Single Arm Unit



Model I0002 Twin Arm

Twin Arm Unit

The Twin Arm Unit **I0002** has all the same features as the I0001 with the addition of a second arm, allowing for ink rub tests to be performed on two samples simultaneously.

Applications:

- Printed Carton board
- Printed Corrugated board
- Aluminium Film
- Plastics
- Paper

Features:

- Two Speeds - 42 and 85 cpm
- Counter 0-9999
- 2 lb and 4 lb weights
- 1 Creasing Board
- 1 Creasing Tool
- Cutting templates:
Sample: 152 x 51mm
Base: 152 x 76mm

Standards:

- TAPPI T830
- ASTM F1571
- ASTM D5264
- JIS K5701
- GB 7706
- ISO 9000

Options:

Heated Weights 2lb or 4lb

- Ambient to 150°C
- Standard BS 3110: 1959- Method 1

2lb & 4lb Heated Weights can be supplied with the IDM Ink Rub Tester that have a thermostat control and can operate from ambient to 150°C. The heated weights can be connected directly into the Rub Tester for operation.



Cap Scuffing Fixture

- 2 x Ø26mm Cap Mandrels
- 2lb or 4lb weight by removing end weights

Options: Fixtures to hold different size caps on application



Connections:

- **Electrical:** 220/240 VAC @ 50 HZ or 110 VAC @ 60 HZ
please specify when ordering

Dimensions:

- | I0001
Single Arm Unit | I0002
Twin Arm Unit |
|--------------------------|------------------------|
| • H: 230mm | • H: 230mm |
| • W: 310mm | • W: 570mm |
| • D: 200mm | • D: 275mm |
| • Weight: 12kg | • Weight: 18kg |

Related Items:

Use Colorimeters to accurately and reliably determine the colour of printed materials.



Related Items:

Use our range of Sample Cutters for the preparation of paper/cardboard samples.

