

TESTING INSTRUMENTS FOR  
*A MEASURABLE DIFFERENCE...*

**IDM**  
instruments

# INK RUB TESTER

MODEL IDMH0001-M1



## INTRODUCTION

IDM Ink Rub Testers determine the quality of adhesion, and scuff resistance of ink to paper surfaces, plastic and aluminum film. The motorized 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.

### 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

### APPLICATIONS

- Printed Carton board
- Printed Corrugated board
- Aluminum Film
- Paper
- Plastic
- Other ink/printing applications
- Packaging Materials

### CONNECTIONS

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

### DIMENSIONS

#### Instrument:

- H: 230 mm
- W: 310 mm
- D: 200 mm
- Weight: 12 kg

#### Packaged:

- H: 520 mm
- W: 520 mm
- D: 520 mm
- Weight: 26 kg

### STANDARDS

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

### WARRANTY AND CALIBRATION SERVICES

- **1 year Warranty**
- Our **Preventive Maintenance and Calibration (PM&C) program** has been designed to make the maintenance and calibration of your valuable testing equipment more cost effective by preventing breakdowns and downtime by regular calibration, service and replacement of defective parts. Talk to us about this today.

## OPTIONAL ITEMS

### Heated Weights 2lb (IDM-I0001-OP1) or 4lb (IDM-10001-OP2)

- 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 (IDM-I0001-OP4)

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

Options: Fixtures to hold different size caps on application



## RELATED ITEMS

1. Use the Box opening Pressure tester to measure the opening force of flat stacked carton boxes.



IDM-B0013-M1

2. Use the Coefficient of Friction Tester to determine kinetic and static friction.



IDM-C0055 Series