Rub / Scuff Resistance

Confirms to ASTM D-5264 and TAPPI T-830

Ink Rub Tester (Sutherland Type)

Abrasion resistance is a desirable and sometimes critical property of printed materials. Abrasion damage can occur during shipment, storage, handling and end-use. The result is a significant decrease in product appearance and legibility of product information. The amount of abrasion damage to a printed surface is dependent shipping conditions, possible temperature and humidity, time and many other variables.

Principle :

In this machine, 2 samples of the same substrate (or different substrates) are rubbed against each other in the same plane (in linear direction), under a fixed pressure (user-variable) and at a fixed speed (user-variable). The number of rubs are recorded using a non-contact type digital counter.

Inference :

This machine works as a great comparator of the variations in print quality between various batches or various suppliers

Higher Rub Resistance = better print quality.
Lower Rub Resistance = poor print quality.

Design specifics :

- Touchscreen display
- Simple / Maintenance-free design.
- Very Low power consumption.
- Compact but Sturdy Design.
- Very Low Noise Level.
- User - Friendly Electronic Controls.
- Non - Contact Type Sensor for Rub Counter.

Model # QXT Touchscreen model with 4 Speeds of rubbing (selectable) : 21, 42, 85 and 106 CPM
Supplied with 2 Lbs and 4 Lbs (2 + 2 addon) rubbing weights to vary the rubbing pressure.

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