

No. 2083

Stamp coloring machine

The advancement of electronic technologies has contributed to development of various recording systems. Among other methods, thermal recording is a popular one as it can be implemented in a recorder that is low in cost, compact in size and superior in maintainability, leading to massive consumption of thermal paper. As a result, there is an increasing demand for evaluation of thermal paper. This tester is an application of the conventional thermal gradient system heat seal tester to testing of thermal paper. Its heat plate is heated prior to testing with five temperature settings between 70 and 150 °C. Then, the specimen paper is pressed with a low pressure so that the coloring density is measured on a densitometer, based on which the coloring sensitivity of the paper is evaluated.

Heat plate: 25×25 mm 5 pieces (each plate is independent)

Temperature range: 50 to 250°C

Surface pressure: 10 to 80 kPa (pneumatic)

Pressurizing time: 0.5 to 10 seconds (with timer), manual for pressurizing for longer than 10 seconds

Temperature control: power control with thyristor specifically for each plate

Heat regulator: thermoelectric

Heater: 100/110 V, 150 W, 5 heaters

Outer dimensions: 1200×500×1550 mm

Instrument weight: 167 kg



No. 2083

No. 2084

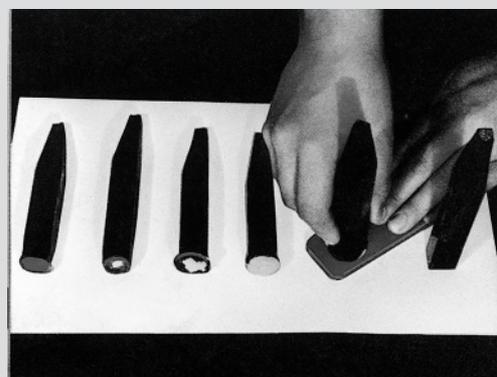
Dennison wax

Surface strength is a resistance against peeling, an important property for printing paper in general and for offset printing paper in particular. A number of testing methods are available for measuring the surface strength of paper, including a method using wax and a printing-based method using a wide range of printability testers. The method using wax is widely employed since it provides simple measurement of the property. However, it cannot be used for testing coated paper in which thermoplastic binder is used. The wax products come in bars with numbering stamped from 2A to 26A, with higher viscosity provided for greater numbers. 2A to 20A wax bars are commonly used.

Kinds: 2A, 3A, 4A, 5A, 6A, 7A, 8A, 9A, 10A, 11A, 12A, 13A, 14A, 16A, 18A, 20A, 23A, 26A

Referential standards: J TAPPI 1-2000, TAPPI T459om-03

We accept orders in units of eight bars, either in one or more classes.



No. 2084