

Ink Rub Tester (Sutherland[®] method)

Product code [RL-RUB-A](#)

RYCOLAB



To determine the ink abrasion resistance and dirtiness characteristics on different supports (paper, cardboard, ceramic, etc.).

Applicable standards

ASTM D 5264 -98, TAPPI T830

General description

The test consists in rubbing a sample against a defined weight (2 lb or 4 lb) at different speeds. After ending the test, the results will be visually observed.

The equipment presents four different speeds :

- 21 cycles/minute. Half the speed of the old Ink Rub Testers. This speed facilitates the wet tests and tests under 5 cycles.
- 42 cycles/minute and 85 cycles/minute. Same speeds as in the old Ink Rub Testers.
- 106 cycles/minute. Fast speed.

This new speed characteristics allow users to adequate the test process to their own products.

The highest speed will reduce test times, necessary for some substrate types (plastics, UV varnishes, printed films, etc.).

The equipment incorporates a touch panel, from which the test speed and cycles are controlled.

Optionally, the equipment can be supplied with heating weights (2 lb and 4 lb) with a work temperature up to 200 °C. This option is useful when needed a faster test process (for high resistance inks and varnishes).

Test process:

The test process is simple. Just introduce the desired number of cycles for the test and the equipment will end the test automatically after reaching the programmed cycles.

The touch panel will display the speed and cycles values, the weight used in the test and the temperature conditions (in case using heating weights).

Weight and dimensions

290 x 200 x 313 mm (AxFxA), 13 Kg