

TEARING TESTER “Elmendorf method” SLY-S1 model

For determining the tearing resistance of paper, board, plastic films, textiles...

According to standards: ISO 6383 - ISO 1974 - ASTM D1922 - ASTM D1424 - TAPPI T414



- Computer controlled tester
- Included Desktop PC with Windows O. System
- Fast and easy data acquisition
- Accuracy: +/- 0,5 FS
- Pneumatic clamping and release device of the sample
- Integrated sample cutter
- Tearing range is easy to change
- Selectable capacities of the pendulum
- Assistant system of horizontal adjustment by computer
- Computer controls test, multifond units display
- Easy to operate
- The testers is supplied with one of both pendulum to choose:
 - ✓ Pendulum of 2000 mN (* **Standard supply**) with 2000 mN weight (included).
OPTIONAL Weights to increase of capacity: 4000 and 8000 mN
 - ✓ Pendulum of 16000 mN (* optional supply) with 16000 mN weight included.
OPTIONAL weights to increase the capacity: 32000 and 64000 mN

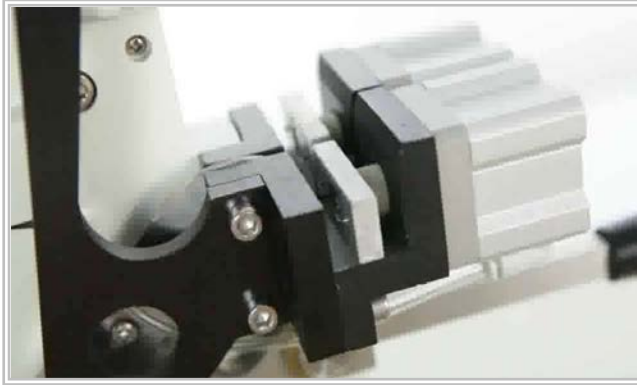
* The different capacities/ranges with each pendulum are obtained by means of optional additional weights

Test principle

Lift the pendulum up to certain height, enable it to have a certain potential energy, pendulum tears the specimen while swinging down, computer calculates the decreasing energy caused by tearing

Unit construction principle

Tearing Tester Elmendorf method is made up with pendulum bracket, pendulum, shaft, stationary clamp, movable clamp, augmenting weights, knife, pendulum releasing system, and computer.



CONNECTIONS:

Electrical: 110V/60Hz or 220V/50Hz Single-phase (40W)

Air supply: 6 Bar

WEIGHTS AND DIMENSIONS:

Dimensions: 480 x 380 x 560 mm (Large x Wide x High)

Packaging: 580 x 500 x 700 mm (Large x Wide x High)

Net weight: 23,5 Kg (with 2000 mN pendulum)

DELIVERY CONTENT:

- > Tearing tester SLY-S1 with 2000mN pendulum range with 2000 mN weight
- > Tear Testing Software
- > Desktop PC with Windows O.Systems

