

TEARING TESTER “Elmendorf method” TT-10

For determining the tearing resistance of paper and board

Applicable standards: ISO 6383, ISO 1974, ASTM D1922, ASTM D1424, TAPPI T414



- ❑ Computer controlled tester
- ❑ Included Computer + Monitor + Colour Printer and Windows O. System
- ❑ Fast and easy data acquisition
- ❑ 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 Basic pendulum to choose:
 - 2000 mN Basic pendulum: 2000, 4000, 8000 mN (* standard supply)
 - 16000 mN Basic pendulum: 16000, 32000 y 64000 mN

* The different capacities with each basic 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.

Optional configuration:

- Basic pendulums: 2000 (* Standard supply) ó 16000 mN (Optional)
- Adicional weights to increase the para incrementos de peso: 4000, 8000, 32000 y 64000 mN
- Check weight: 2000, 4000, 8000, 16000, 32000 y 64000 mN
- Samples preparation

CONNETIONS:

Electrical: 220 V, 50 Hz (40W)

Air supply: 6 Bar

PESOS Y DIMENSIONES:

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)

CONTENIDO ENVIO:

> Tearing tester TT-10 with Basic pendulum of 2000 mN + 2000 mN (200 g) + 4000 mN (400 g) + 8000 mN (800 g)

> Tear Testing Software

> Computer + Monitor + Printer + Windows O.Systems

