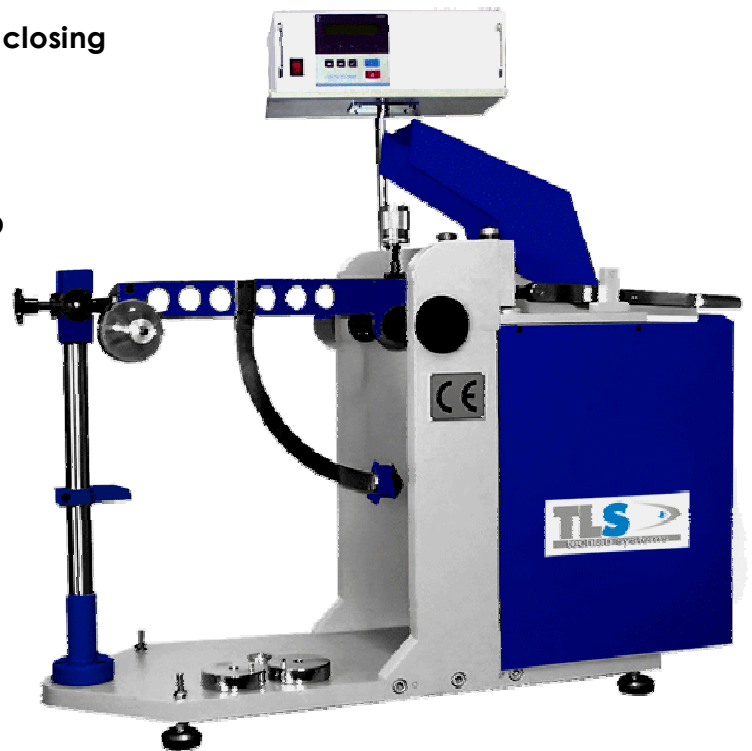


## PUNCTURE TESTERS

To determine the absorbed energy or resistance to puncture compact and corrugated boards, specially the ones used when manufacturing packaging

According to standards: ISO 3036 SCAN P23 DIN 53.142 TAPPI T-803 ASTM D781  
FEFCO 5 UNE 57.076

- Strong frame in steel, designed to avoid any vibrations during test  
(Subsequently, energy losses are avoided)
- Pendulum arm with a circular angle of 90°
- Striking head in the shape of a triangular pyramid
- Disengaging mechanism, with security system
- Security cover screen.
- Self-tightening grips with adjustable closing pressure to clamp the sample.
- 4 reading scales of units in Joules
- Compatible with **LYNX Plus & Pro**  
(Quality Management System)



### OPTION:

#### LYNX Software Systems

Through a PC and **LYNX Single Software + Puncture Test Module**, it is possible capture quickly and reliable results of the tests. Later it is possible to make statistical calculations



## TEST DESCRIPTION

The test principle consists of puncturing a board sample with a striking head, triangular pyramid shaped, and fixed to a pendulum. The required energy for the striking head to cross the sample completely is measured. This means, to do the initial puncture, tear and open the board.

## EQUIPMENT DESCRIPTION

The equipment comes with:

- ❑ Strong steel frame, designed to avoid energy losses by vibration during the test
- ❑ Pendulum with arm in circular arch of 90°
- ❑ Striking head in a triangular pyramid (manufactured according to International Standards)
- ❑ Collar with smooth adjustment to the base of striking base (with known loosening energy)
- ❑ Interchangeable weights A, B, C and D to select scale of wished work
- ❑ Disengaging mechanism with security system
- ❑ Security cover screens to avoid accidents to the user
- ❑ Self-tightening grips with adjustable closing pressure to clamp the sample
- ❑ 4 reading scales in Joules

This model includes a digital reading module which allows to measure the absorbed energy during the test, average calculation, deviations... And it has incorporated a RS-232 output to connect the equipment to a P.C.

- Reading resolution in the 4 scales : 0,1 Joules

The Analogue model with 4 reading scales in JOULES:

- ✓ 0 - 6 Joules with resolution of 0,025 Joules
- ✓ 0 - 12 Joules with resolution of 0,05 Joules
- ✓ 0 - 24 Joules with resolution of 0,10 Joules
- ✓ 0 - 48 Joules with resolution of 0,20 Joules

Code: **T-2909**

**Analogue model**



### CONNECTIONS:

Electrical: 230 V, 50 - 60 Hz

### DIMENSIONS AND WEIGHT:

Dimensions: 860 x 365 x 620 mm (M x D x H)

Box for transport: 1480 x 470 x 1250 mm (M x D x H)

Weight Net/Gross: 250 Kg / 360 Kg

### DELIVERY CONTENT:

> Puncture Tester Digital or Analogue