

SCORE BENDING QUALITY TESTER "SQT"

This equipment enables to evaluate quality relating score lines in corrugated board boxes quickly and precisely

NEW...!

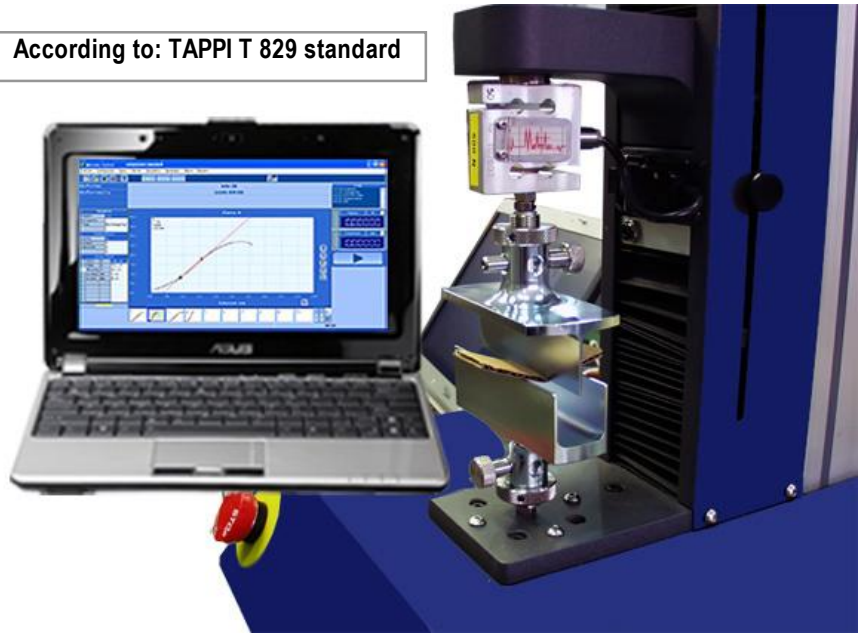
technology, capability and ease of use, together...

"Data in Real Time..."

According to: TAPPI T 829 standard

NOW with Ultralight laptop PC + LYNX Universal Testing Software + LYNX Management Module with basic statistics included

Using a Ultralight laptop PC and **LYNX** Software for **UNIVERSAL Tests**, it is now possible to quickly and reliably capture your test results, with automatic statistical analysis. This eliminates the need for the lengthy process of capturing friction test data by hand and manually entering into a computer.



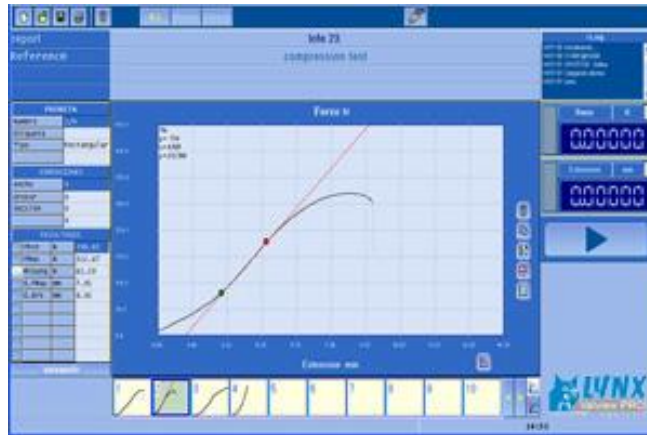
- ❑ **MBC-3200 Multifunction board, of data acquisition, machine control and connection to PC, remote access by internet..., which allows more: accuracy - repeatability - durability - flexibility - easy of setup**
- ❑ **Ultralight laptop interface for Data Acquisition and Control**
- ❑ **LYNX Universa Testing Software**
- ❑ **LYNX Management Module with basic statistics**
- ❑ **Statistics: Min, Max, Average, Standard Deviation, Gauss Bells, Tolerances and Bars**
- ❑ **Save - Print - Copy to Office Clipboard...**
- ❑ **Languages: English - Spanish - German & French**
- ❑ **Robust and highly accurate**
- ❑ **Easy to operate**
- ❑ **Strength capacity to be chosen between 50 and 500 N**
- ❑ **USB interface f/connection to a PC**
- ❑ **Automatic return to initial test position**
- ❑ **Possibility to carry out the following tests with optional devices:**
 - Peeling of the glued lines - Opening / Peeling of Cases and Boxes
 - Friction coefficients (Static /Dynamic) - Tension / Compression ...
- ❑ **Improve Your Quality System to ISO 9000**
- ❑ **Eliminates Human Error**
- ❑ **(*) It is possible to integrate in: Advanced Management Laboratory Software **LYNX Plus & Pro** (f/multiple test equipment connection)**



Packaging and packing industry use mechanized production processes, so it is essential to know how the used materials (corrugated-compact board, thin cardboard...) will act in the process.

Score Quality Tester allows:

- SQT-10 instrument enables to determine (according to TAPPI T 829) the SCORE index that consists of:
SCORE Index = F (score breakage) / F (no score breakage) X 100
- Determining quality and efficiency of the used cardboards in the process
- Carrying out Quality Control and Development, and Innovation.



TECHNICAL FEATURES

- ❑ Ultralight laptop PC with Windows Vista Business edition
- ❑ Display of DEFLECTION/BENDING Strength of the score lines from a cardboard sample during a 12.7mm range, or the necessary to manage to get to a bending angle of 90° of the sample, holding maximum values.
- ❑ Calculation of medium values and standard deflection
- ❑ Automatic test handling with return to the test position with the maximum speed.
- ❑ Breakage levels programming
- ❑ Unit selection in **Kg - N or Lb**
- ❑ Speed selection for tests between **1 and 400 mm / min**
- ❑ **USB** port to control from the PC
- ❑ Maximum capacity: **500 N** (Tension / Compression)
- ❑ Fitted with 500 N Load Cell (standard) or 50 N (indicate in the order)
- ❑ **0,01 %** reading resolution of the full scale:
 - **0,05 N** with **500N** Load Cell
 - **0,005 N** with **50N** Load Cell
- ❑ Precision : **< 1 %** of the applied strength for a range between 2 and 100 % of F.S.
- ❑ Maximum distance between supports: **400 mm** (for other measures, please inquire)
- ❑ Reading resolution: **0,02 mm**
- ❑ Elongation reading in % directly from mm or inches.
- ❑ Adjustable range limits.

POWER SUPPLY: 230 V, 50 or 60 Hz

WEIGHT AND DIMENSIONS:

Dimensions: 410 x 410 x 570 mm (width x depth x height)
 Packing: 550 x 550 x 750 mm (width x depth x height)
 Net/Gross weight: 50 Kg / 75Kg

CONTENTS OF THE SHIPMENT:

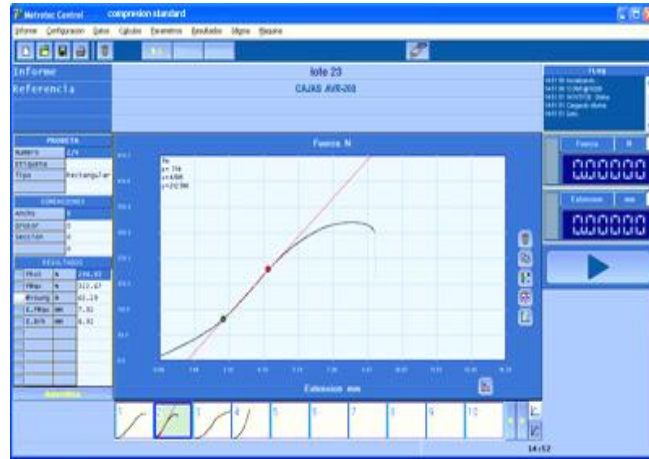
- > SCORE QUALITY TESTER SQT-10
- > Ultralight PC with Windows OS
- > **LYNX** Universal Testing Software (in Pen Drive)
- > **LYNX** MANAGEMENT MODULE w/Basic Statistics
- > 500 N or 50 N Load Cell (to be chosen)

he standard supply does not include the grips and Test Devices



TENSILE – COMPRESSION – BENDING – FRICTION and TEARING Tests

“Data in Real Time...”



- ❑ Quickness carrying out tests and obtaining results
- ❑ No human mistakes
- ❑ Traceability according to ISO 9000

Through this multiple Test Module and using a Universal Testing Machine with its correspondent devices and clamps, TENSION-COMPRESSION-BENDING-FRICTION and TEAR tests can be carried out in PAPER – COMPACT BOARD – CARDBOARD – CORRUGATED BOARD samples. Compatible with LYNX Plus & Pro Integral Management Systems

- It marks Maximum-Minimum-Medium Values and Standard Deflection
- Up to 100 tests storing capacity for each report
- SAVE-PRINT-OFFICE CLIPBOARD FUNCTIONS – Reports in PDF format

INCLUDED : Code T-6879 - LYNX MANAGEMENT MODULE with Basic Statistics

The LYNX Management Module allows you to manage the data generated, choose the interface language, prepare and print reports that you can customize with your logo, change the testing units, differently user password levels, introduce the minimum, maximum and optimal values to manage data with statistics, charts bars, GAUSSEN Bell, tolerances comparatives, export data to Word - Excel ..., PDF generation and more.

