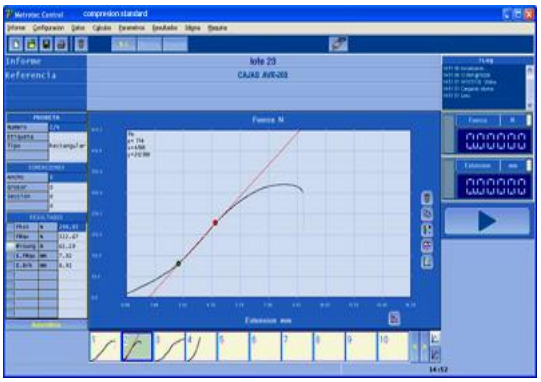
SCORE BENDING QUALITY TESTER SQT-10 model

This equipment enables to evaluate quality relating score lines in corrugated board boxes quickly and precisely according to standard TAPPI T 829

LYNX SYSTEM
Techlab Systems

"Data in Real Time …"



(with 15" laptop PC)

15" Laptop PC + LYNX Testing Software + LYNX MANAGEMENT MODULE with Basic Statistics

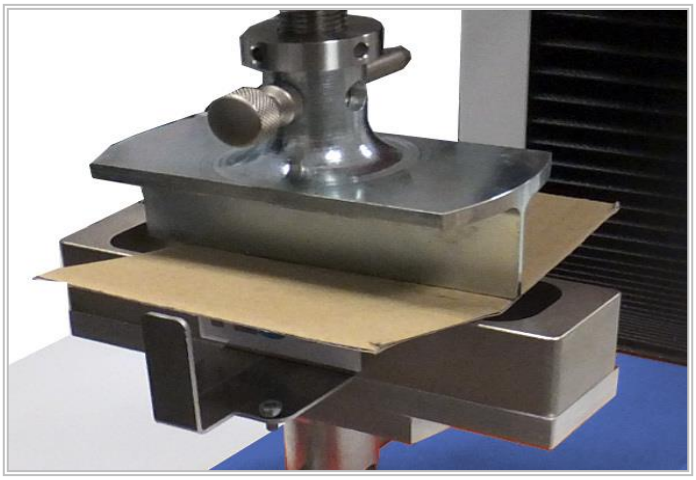
Packaging and packing industry use mechanized production processes, so it is essential to know how the used materials (corrugated-compact board, thin cardboard…) will act in the process.

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.

TECHLAB SYSTEMS, S.L.
Head Office: Txatxamendi 10, Pol. 110 – 20100 Lezo – SPAIN
US Office: 1549 Ardmore Ave. –Itasca, Illinois 60143 USA
www.techlabsystems.com

- **15" laptop PC** interface for Data Acquisition and Control
- **LYNX testing software** and friction test module
- Statistics: Min, Max, Average, Standard Deviation, Gauss Bells, Tolerances and Bars
- Save – Print – Copy to Office Clipboard…
- Languages: English – Spanish – German & French
- Dynamic and Static friction coefficient automatic determination
- Robust and highly accurate
- Easy to operate
- **50N Load cell**
- USB interface f/connection to a PC
- Performing tensile tests is possible (grips optional)
- Improve your Quality System to ISO 9000
- Eliminates Human Error
- Compatible with the Integral Testing Management Systems **LYNX** Plus & Pro



TECHNICAL FEATURES

- **15" laptop PC** with Windows O.S.
- 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 90º 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
- Fitted **with 50 N Load Cell**
- 1/100.000 reading resolution of the full scale: **0,0005N**
- Precision: < 0,5 % of the applied strength for a range between 2 and 100 % of F.S.
- Maximum crosshead travel: **500 mm**
- Reading resolution: **0,001 mm**
- Elongation reading in % directly from mm or inches.
- Adjustable range limits.

CONNECTIONS:

Electrical: 110V/60Hz or 230V/50Hz Single-phase

DIMENSIONS AND WEIGHT:

Dimensions:	420 x 670 x 950 mm (W x D x H)
Box for transport:	550 x 870 x 1250 mm (W x D x H)
Weight Net/Gross:	66 Kg / 115 Kg

DELIVERY CONTENT:

> Score Bending Quality Tester SQT-10 model
> 15" Laptop PC with Windows O.S.
> Load Cell of 50 N
> UNIVERSAL **LYNX** Testing Software
> **LYNX** Management Module with Basic Statistics

* The standard supply does not include the grips and other test devices

* TECHLAB SYSTEMS reserves the right to do any technical modification without advance notice

Doc. : SQT10-1-CAT-I-R5

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Software LYNX Universal Tests
TENSILE – COMPRESSION – BENDING – FRICTION and TEAR

"Data in Real Time…"

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

- 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: 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, different 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.

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Doc.: LYNX_UNIVERSAL_TESTS-1-CAT-I-R1