

VALIDATOR™ COMPRESSION TESTER

To perform compression and resistance tests to packaging according to International Standard specifications.

Applicable standards: DIN EN 22872 - TAPPI T804 - ASTM D 642 - JIS - ISTA...

- ❑ 3 Load cells for highly accurate testing
- ❑ 2 low friction ball screws for platen movement
- ❑ Oscillating (ISO-FEFCO) & Fixed Platen (TAPPI)
- ❑ Force reading in N, Kg or Lb
- ❑ Deflection reading in mm or in.
- ❑ Automatic platen return after each test for easy loading of next specimen
- ❑ RS-232 interface
- ❑ Closed Loop Control using Lynx software
- ❑ Compatible with LYNX Plus and Pro where you can integrate all of your test equipment and data management into one system



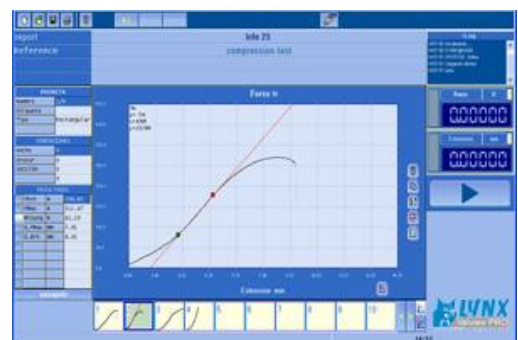
Eee Top PC included (Touch Screen 20")

INCLUDED:

LYNX™ Software of Packing & Packaging Compression Test + LYNX Management Module with basic statistics, with control from a PC in closed loop through a PC and our software testing pack with 3 test modules:

- **BCT Test Module** (standard test)
- **Constant Load Test Module** (Stacking test)
- **Cyclic Test Module** Dynamic strain according to Strength and Stroke

- Dynamic Testing
- Static Testing
- Custom Fields
- Variable Test Rate
- Company Logos
- Closed Loop Control
- Spanish/English/German/French
- Eee Top PC Touch Screen 20" included



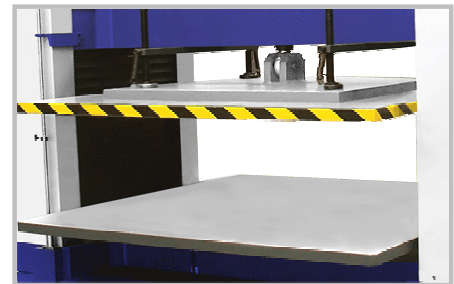
- ❑ **Force range** 30 KN (6,700 lbf)
- ❑ **Load Measuring System** 3 precision matched load cells (prevents side loading errors) .03 % FS accuracy
- ❑ **Control System** Windows Based XP/2000
- ❑ **Drive System** Precision mechanical ball screw w/ DC variable speed drive system
- ❑ **Deflection Measurement** Encoder, 0.25 mm (0.01 in.) accuracy
- ❑ **Displayed System Resolution**
 - Load: 2 N (0.5 lbf.) / Electronic capturing resolution 1N
 - Platen Displacement: 0.01 mm (0.0004 in.)
 - Platen Speed: 2 mm/min. (0.1 in. /min.)
- ❑ **Platen Flatness** Flat within 0.25 mm (0.01 in.)
- ❑ **Parallelism of Platens** Parallel within ± 1 mm (± 0.04 in.)
- ❑ **Safety Features**
 - E-Stop
 - Over-Load Protection in software
 - Upper and lower limit switches
 - Load sensor with automatic retreat
 - Communications failure detection integrated with automatic stop
- ❑ **Variable Platen Test Speed** 1 – 300 mm/min (0.04 – 12 in. /min.)
- ❑ **Platen Retract Speed** 300 mm/min. (12 in. /min.)
- ❑ **Data Display** Load, Displacement, Speed, Loading Rate and Elapsed Time
- ❑ **Guidance of the platen by means of low friction column-guided linear bearings.**
- ❑ **The equipment is mounted with silence dampening and anti-vibration blocks**
- ❑ **RS-232 Interface**

FORCE READING

- ❑ Select units : **Newtons, Kilograms or Pounds**

DEFORMATION/DEFLECTION READING

- ❑ Select units: **millimeters or inches**



Oscillating / Fixed Platen System

VALIDATOR™ COMPRESSION TESTER w/ Oscillating & Fixed Plate							
MODEL	RANGE KN	RESOLUTION N	PLATES mm	STROKE mm	DIMENSIONS W x D x H / mm	WEIGHT Kg	POWER w
VALIDATOR	30	2	1000 x 1000	1000	1400 x 1210 x 2200	965	850

POWER SUPPLY: 220 V single phase 50 / 60 Hz

PACKAGING DIMENSIONS of VALIDATOR: 1710 X 1400 X 2450 (WxDxH)

GROSS WEIGHT: 1,100 Kg

DELIVERY CONTENT:

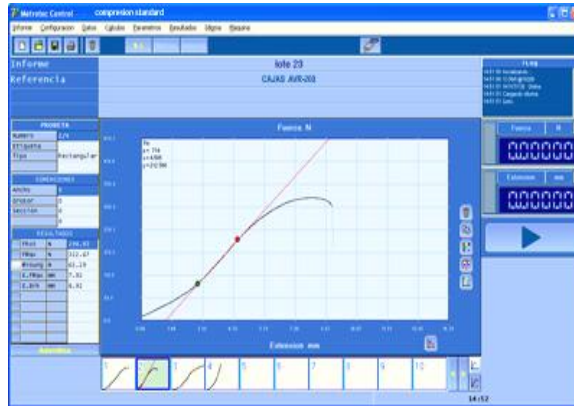
- VALIDATOR Compression Tester + Packing & Packaging Compression Test Software **LYNX™** (included 3 test Modules BCT, CONSTANT LOAD and CYCLIC Tests)
- **LYNX** MANAGEMENT MODULE with Basic Statistics
- Eee Top PC Touch Screen of 20" - Windows 7 Professional O.S.





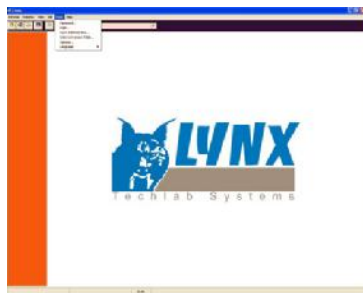
LYNX Test Program for Compression of packaging

“Data in Real Time...”



COMPRESSION TEST modules

- ✓ BCT Module
- ✓ CONSTANT LOAD Module
- ✓ CYCLIC Module



- ❑ Enhances quickness in carrying out tests and in obtaining results.
- ❑ Reduces human error.
- ❑ Traceability according to ISO 9000

When combing this test software with your compression system, it is possible to perform box crush tests, constant load compression, and cyclic compression tests. Machine operation is managed via the software, and all data is captured with the software. The data is displayed in real time on your monitor, and then saved and can be retrieved easily in the future.

- The software records minimum, maximum, and median value as well as standard deviation
- Up to 100 tests of measurement capacity for each report
- SAVE, PRINT and COPY to Office Clipboard functions

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, and prepare and print reports (that you can customize with your logo). You can also change the units displayed, as well as change user accounts and passwords. You can also record the minimum, maximum and optimal values to manage data with statistics, charts bars, GAUSSEN Bell, tolerances comparatives and export this data to Word, Excel, PDF and more.

