

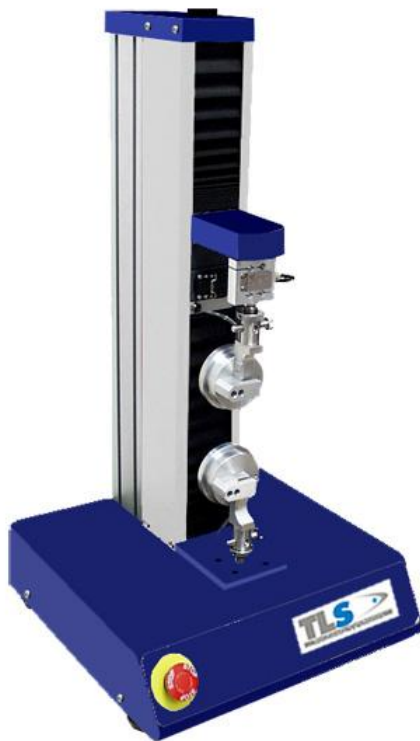
MULTITESTER MTT -50

MULTITEST (Tensile – Compression – Tear – Static & Dynamic Friction...)

Applicable standards: ISO 1924/2 - ISO 3781 - ASTM D 828 - SCAN P38 - TAPPI T494 - PAPTAC D34 - DIN 53112

NEW...!

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



"Data in Real Time..."

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

Using a Ultralight laptop PC and Universal LYNX Test Software (*) f/Tensile – Compression – Flexion - Friction and Tear 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 test data by hand and manually entering into a computer.

- q 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



- q Ultralight laptop PC interface - for Data Acquisition and
- q LYNX Universal Testing Programme f/Universal Tests (*)
- q Statistics: Min, Max, Average, Standard Deviation, Gauss Bells, Tolerances and Bars
- q Save – Print – Copy to Office Clipboard...
- q Languages included: English - Spanish - German and French
- q Easy to use
- q Robust and highly accurate
- q Standard load cell of 500 N (optional 10 - 50 - 1000 and 3000N)
- q USB interface f/connection to a PC
- q Optional: Manual and Pneumatic grips available (optional) width of 15 – 25,4 – 50 mm - Testing devices available : Friction – “Finch” Wet tensile – Puncture
- q Including interface USB
- q (*) It is possible to integrate in: Advanced Management Laboratory Software LYNX Plus & Pro (f/multiple test equipment connection)

TEST DESCRIPTION

After placing the sample into the grips the test starts by pressing the start button. After measuring is completed the upper movable grip returns back to the initial starting position and the equipment is ready for the next test

With **LYNX** programme, the numerical, breaking strength graphics and elongation values in % are shown in the test menu on the PC. It is possible to keep these data for future management, statistic calculus, gauss bells, dispersion curves, tendencies...

SPECIFICATIONS

UNIT CONTROL

- q Ultralight laptop PC with Windows Vista Business version
- q Statistics: Average and standard deviation
- q Overload protection
- q Quick return to initial start position
- q Breaking level programmable
- q Units Selection: Kg - N or Lb
- q Programmable test speed from 1 to 500 mm / min
- q USB port f/connection to a PC

CONSTRUCTIVE FEATURES

- q Robust frame made of steel and rigid aluminium
- q Operating by servo-motor with accuracy balls spindle
- q Emergency stop switch

STRENGTH MEASURE

- q Maximum capacity: 3000 N (Tension / Compression)
- q Equipped with load cell of 500 N (standard supply)
- q Reading resolution 0,01 % full scale:
 - 0,3 N with load cell of 3000N
 - 0,1 N with load cell of 1000N
 - 0,05 N with load cell of 500N
 - 0,005 N with load cell of 50N
 - 0,001 N with load cell of 10N
- q Accuracy : < 1 % of the applied strength for a range between 2 and 100 % of full scale

EXTENSION MEASURE

- q Maximum crosshead travel: 400 mm
- q Reading resolution: 0,02 mm
- q Programmable extension limits



PNEUMATIC GRIPS

- Dual action foot switch
- Suitable clamping system in order to avoid sample sliding
- 2 models available:
 - T-6747 – 15 mm width
 - T-6748 – 25 / 25,4 mm width
 - T-6749 – 50 mm width
- Gripping length 20 mm



MANUAL GRIPS

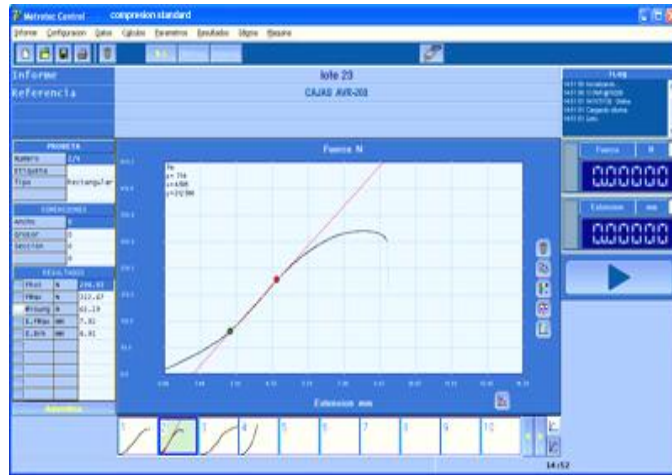
- Width of jaws available:
 - 15 – 25 / 25,4 & 50 mm

CONNECTIONS: Electrical: 230 V, 50 ó 60 Hz		DELIVERY CONTENT: > Multitester MTT-50 with 1 Load cell of 500 N > Ultralight PC with Windows OS > LYNX Testing Software f/(Tensile – Compression – Flexion – Friction and Tear Tests) > LYNX MANAGEMENT MODULE w/Basic statistics (in Pen Drive)	
DIMENSIONS AND WEIGHT: Dimensions: 360 x 380 x 570 mm (M x D x H) Box for transport: 450 x 450 x 650 mm (M x D x H) Weight Net/Gross: 39 Kg / 55 Kg		The standard supply does not include the grips and other test devices	



TENSILE – COMPRESSION – BENDING – FRICTION and TEARING Tests

“Data in Real Time...”



- q Quickness carrying out tests and obtaining results
- q No human mistakes
- q 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.

