

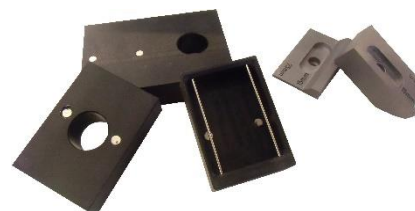


HORIZONTAL TENSILE MACHINE

Code. 030121

For determination of tensile resistance in dry or wet state, elongation, and tensile energy absorption (TEA). Paper and Tissue.

Standards : ISO 1924-2, UNE-EN ISO12625-4/5, TAPPI T456, T494, PAPTAC D34, BS4415/2, etc.



SOFTWARE CONTROL (Optional):

Through the available Control Software *NOVILOG*, the machine can be controlled and managed from a connected PC. It will be possible to preset tests, configure the test parameters, save test results, display graphical curves, generate test reports, etc.

CONNECTIONS:

Electric: 220/110V, 50/60 Hz

Air supply: 600 kPa.

WEIGHT AND DIMENSIONS (ONLY MACHINE):

540 x 490 x 300 mm (WxLxH) / 35 Kg

WEIGHT AND DIMENSIONS WITH PACKING BOX:

750 x 630 x 400 mm (WxLxH) / 50 kg

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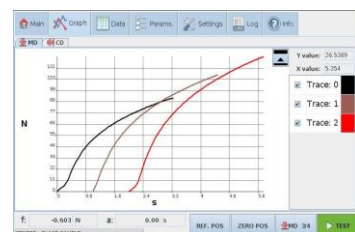
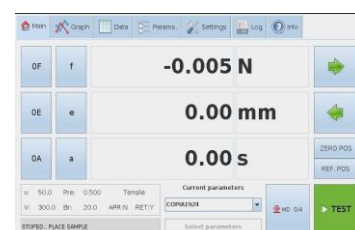
PAPER TESTING ASSOCIATION

CHARACTERISTICS:

- Easy adaptation of the machine for testing specimens of paper or tissue by means of exchanging the testing accessories.
- Possibility to carry out tensile tests for paper and tissue and wet tensile tests for tissue.
- High rigidity steel and aluminum frame.
- Driven by servo motor and high accuracy ball screw.
- Adjustable feet for the equipment leveling.
- Internal pneumatic circuit for connection to air supply (opening-closing of the grips).
- Set of adaptors and supports for paper and tissue tensile tests and accessory for tissue wet tensile test. Different sample widths and lengths: 100 mm and 180 mm for paper / 100 mm and 50 mm for tissue (50 mm special distance for tissue final product).
- Pulley and verification and calibration kit (optional, not included in the standard supply).
- Automatic sample detection.
- Test speed adjustable between 0.2 and 330 mm/min.
- Automatic return to initial position after the test.
- Standard Load Cell of 500 N (possibility of 1.000 N or 150 N. Consult your provider).
- Maximum travel between grips of 300 mm.
- Security. Electronic (programming) and physical (limit switches and barrier photocell) overload protection.
- USB "B" Type interface for connection to management and control programs.
- USB connection for maintenance works and for connection with USB printer.
- Force readings with a resolution of 0.004 % of the FS, and extension readings with a resolution of 0.01 mm.
- Accuracy. <1% of the applied force in a range between 2% and 100% of the FS.
- CE mark.

USER INTERFACE:

- Machine controlled by means of a touch screen and two auxiliary buttons. Through the visualization and control screen, the total control and configuration of the machine can be managed.
- Easy and intuitive operation of the control menu, configurable in different languages.
- Possibility of selecting and defining multiple test results (breaking force, tensile index, elongation, tensile energy absorption (TEA), etc.). Two result tables with a maximum of 10 result types and 20 test results per table.
- Possibility of displaying the test results in graphic way.
- Statistical control. Mean value, standard deviation, and maximum and minimum values.
- Different configurable units for the force, extension, and speed parameters.
- Test maneuver with automatic return to initial position at maximum speed (330 mm/min).
- Setting of different breaking and preload levels.
- Periodical program updates (without additional costs).



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