S-Test Compression Test

Product code RL-STC-A

RYCOLAB

Determination of the compression resistance per length unit in Flutting paper.

S-Test method:

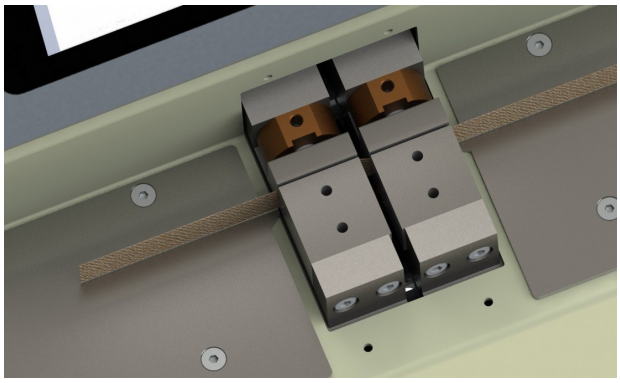
Improves the conventional CMT method tested in a Sample Crush tester regarding the simplicity and speed in determining the resistance of Flutting papers.

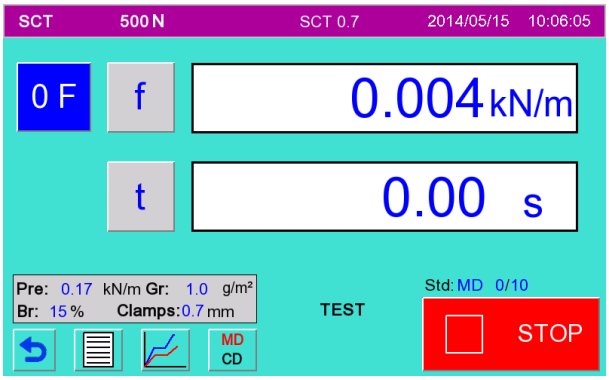
Main benefits:

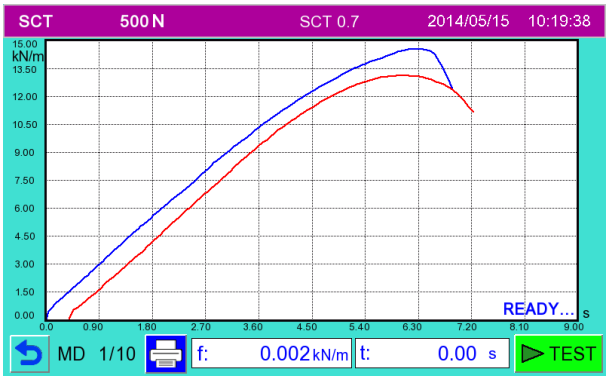
- Qickness and simplicity.
- It is not necessary to corrugate or use adhesive tapes on the sample to be tested.
- Test results in a matter of seconds.

Characteristics

- High rigidity steel and aluminum frame.
- Equipped with a 500 N load cell for measuring values up to 33,33 kN/m.
- Linear movement of the grips.
- Span between grips 4 mm. Offset between grips 1 mm.
- Sample width: 15 mm.
- Test and automatic return speed: 3 ± 1 mm/min.
- S-Test Value in KN/m or lbf/in.
- S-Test curve, S-Test value.
- Maximum force in Newtons.
- Adjustable feet for the equipment leveling.
- Security. Electronic (programming) and physical (limit switches) overload protection.
- RS-232 interface for connection to acquisition 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. Error <1% of the applied force in a range between 10% 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. Two result tables with a maximum of 10 result types and 20 test results per table. Possibility of comparing MD and CD values.
- Possibility of displaying the test results in graphic way.
- Statistical control. Mean value, standard deviation and maximum and minimum values.
- Test maneuver with automatic return of the grips to initial position.
- Setting of different breaking and preload levels.
- Periodical programme updatings (without additional costs).