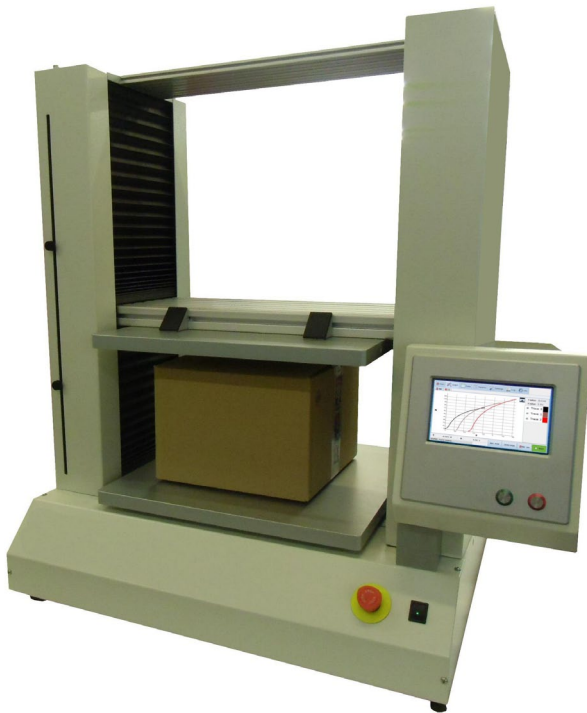


# Crush tester – table model

Product code [RL-TCT-A](#)

## RYCOLAB



### Usage

For carrying out compression tests over different type of samples : boxes, cores, bottles, etc..

### Applicable standards

DIN EN 22872, ISO 12048, ISO 11093-9, TAPPI T804, UNE 57163/5, FEFCO N°50, AFNOR H13-001, etc.

### Characteristics

- High rigidity steel frame.
- 4 Spindles with balls recirculation and low coefficient of friction.
- Force detection system equipped with 3 load cells located under the lower plate (Force range: 10 KN).
- Servo motor of continuous current and reducer to achieve stable speeds in the full scale.
- Compression plates 500x500 mm. Maximum opening between plates of 500 mm.
- Emergency stop button.
- Possibility of fixed top plate or top plate fixed and oscillating.
- Optical encoder.
- Test and approach speed selection between 1 and 500 mm/min.
- Protection against overload : Electronic type (programming) and physical (limit switches).
- Type "B" USB interface for connection to management and control programs
- USB connection for maintenance works and for connection with USB printer.
- Readings with a resolution of 0.002% of the force scale, and 0.2 mm in extension.
- Accuracy: <1% of the applied force for a range between 2 and 100% of (F.S.).
- 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 display 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 (500 mm/min).
- Setting of different breaking and preload levels.
- Periodical programme updates (without additional costs).

## Control software (optional)

Through the two available Control Softwares (REGISTRA III and 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.

## Dimensions

	Net	Gross
Width	950	1160
Depth	670	940
Height [mm]	1000	1220
Weight [kg]	130	230

## Connections

Electrical: 220/110 V, 50/60 Hz

