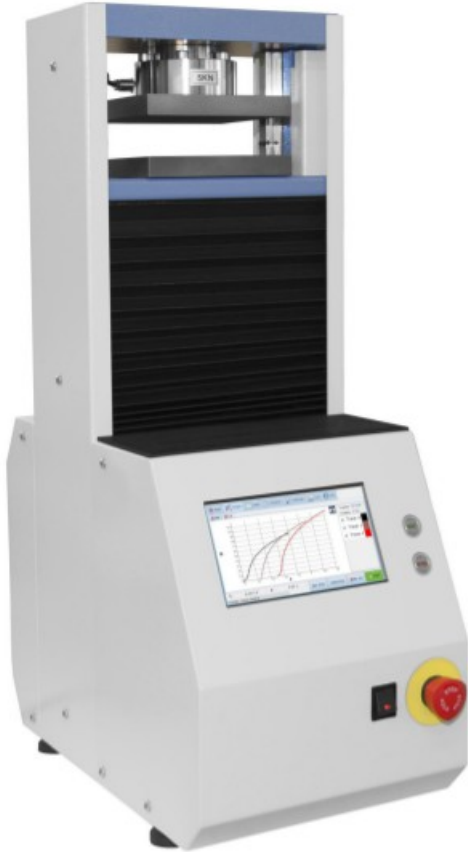


# Compression tester



## Application

For measuring the compressive force of cardboard and corrugated cardboard.

## Applicable standards

ISO 3035, ISO 3037, TAPPI T808, T811, T818, T821, T825, T839, FEFCO N° 6 - 8 & 11, AFOR 23035, etc.

## Device description

This device makes it possible to cut several strips at the same time (the corners are parallel). The precision is less than 0.1 mm and the length depends on the sample. The samples are cut with narrow wheels. There is no risk of finger cutting.

## Test description

The sample to be tested is placed on the carrier plate. When the start button on the touchscreen (or the separate start button) is pressed, the lower plate moves towards the upper plate at the selected speed (normally 12.5 mm/min). The test piece between the plates is compressed, the force required for this test is registered and the curve is displayed on the screen. After the break detection, the plate returns to its starting position.

## Specification

Possibility to perform different types of tests on cardboard and corrugated board.

By changing the specimen holder accessories it is possible to perform RCT, CMT, ECT, CCT, FCT and PAT tests. Specimen holder not included.

Steel and aluminum frame with high rigidity.

Driven by servo motor and high-precision ball screw.

Adjustable base for leveling the equipment.

Measuring range from 0 to 5,000 N.

Maximum swivel range: 140 mm. Ask your supplier for other extensions.

Compression plate dimensions: 150 x 150 mm.

Test and approach speeds between 1 and 150 mm/min.

- RS-232 connection for connection to management and control programs  
 USB port for maintenance work and connection to USB printer.  
 Force measurements with a resolution of 0.004 % of FS and expansion measurements with a resolution of 0.01 mm.  
 Accuracy <1 % of applied force in a range between 2 % and 100 % of full circumference.

**Scope of delivery**

- device
- PC contact cable
- Operating instructions

**Dimensions**

	Device	With packaging
Wide [mm]	360	600
Deep [mm]	500	700
Height [mm]	650	850
Weight [kg]	45	70

**Connections**

Electricity: 110 – 230 V, 50 – 60 Hz AC



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