

Crush Tester

table model

Code: E.200.TM

Usage

To measure the compressive strength of board and corrugated board.

Applicable standards

- ISO 3035, 3037, 13805, 13192
- TAPPI T808, T809, T811, T818, T821, T825, T893
- FEFCO N° 6-8 & 11
- AFNOR 23035
- etc.





Touchscreen

Device description

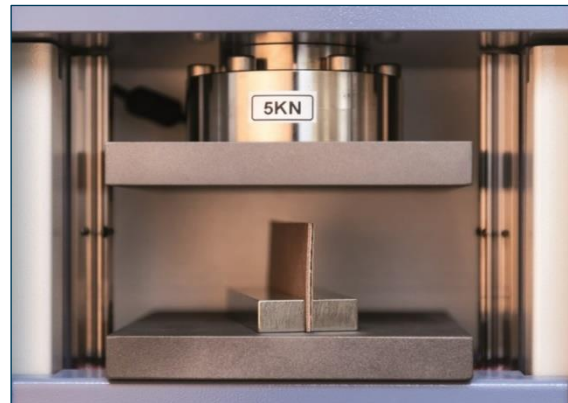
This device has an integrated touchscreen, which makes the operation easy and intuitive. All parts are built into a sturdy frame. The measuring ranges up to 5 kN with an accuracy of $\pm 1\%$ of the displayed value. The test cycle is fully automatic with break detection and return to initial position after break.

Process description

The sample is put between the crush platens and by selecting the start button on the touchscreen (or the separate start-button) the lower plate is moved with the pre-selected speed (12.5 mm/min) up to the higher platen. The sample is crushed, the necessary force for this test is registered and the curve is displayed on the screen. The device detects the break and the crush platens are going back to their initial start position.

Delivery content

- Crush Tester
- Power cable
- User manual



Up to 5 kN measuring range

Specifications

- high quality materials and manufacturing
- robust and sturdy construction
- measuring range up to 5 kN with an accuracy of $\pm 1\%$ of the displayed value
- intuitive and easy operation via touchscreen
- display of the breaking force, values, graphs and statistic values
- RS-232/USB port for data transfer and printing
- Windows based software
- setting of different breaking levels (e.g.: 20%, 15%, 10% of max. force)
- graph of force/time
- extra buttons for start and stop on the device next to touchscreen
- emergency push button
- CE certificate
- additional sample holders for various crush tests available

Connections

- Electricity: 110 - 230 V, 50/60 Hz

Parameters

	Dimensions	Weight
Net	360 x 500 x 650 mm	45 kg
Gross	600 x 700 x 850 mm	70 kg

Sample Holders

for the Crush Tester



ECT edge crush test



RCT ring crush test



PAT pin adhesive test



CCT Concora crush test

Models

Code	Article
E.200.SP1	CCT sample holder, flute A
E.200.SP2	CCT sample holder, flute B
E.200.SP3	CCT sample holder, flute C
E.200.SP4	RCT holder with 3 discs acc. customer request
E.200.SP5	ECT holder, 2 metal blocks
E.200.SP6	PAT sample holder, A
E.200.SP7	PAT sample holder, B
E.200.SP8	PAT sample holder, C