

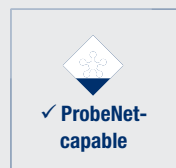


# BCT-BOX COMPRESSION TESTER

For:



For the determination of compression resistance of boxes.



## MOST IMPORTANT BENEFITS

- ✓ Sturdy frame with inside mounted pressure plates
- ✓ Upper pressure plate can be loosened or stays stiff, depending on the used standard
- ✓ Automatic platen return after test sequence

PRODUCT DESCRIPTION

The box compression tester is a robust base frame in which the two platens are mounted. The lower platen is fixed, while the upper platen can be used as either fixed or rotatable, as required, by opening or closing the four fixing levers. Three sensors are mounted below the fixed platen to measure the force exerted and detect the box breaking. Settable limit switches and the digital display and controls are mounted on the front of the unit.

TEST DESCRIPTION

A box, with or without content, is placed in the centre of the lower platen. The controls are then used to set the parameters for the test, and then the start button is pressed. The upper platen travels downwards at the pre-set speed. Measuring starts as soon as the upper platen touches the box, and automatically stops as soon as a break is detected, or the preset compression time has elapsed under constant exertion of force. Once measurement has stopped, the upper platen travels back to the start position. The measured values can be read from the digital display.

TECHNICAL DATA

DEVICE/INSTRUMENT

- Adjustable limit switch
- Testing speed up to 400 mm/min
- Three force sensors
- Automatic stop after break detection or expiration of the preset pressure time
- Automatic plate return after test
- Digital display and controls
- Compatible with ProbeNet (see pages 84 – 87)

INSTALLATION REQUIREMENTS

Electrical connection	230 V / 50 Hz
Water connection	No
Compressed air	No

APPLICABLE STANDARDS

- DIN EN ISO 12048
- TAPPI T804

MODELS

<p>TOP PRESSURE PLATE</p> <ul style="list-style-type: none"><li>• Pivotable</li><li>• Permanent stiff</li></ul>
<p>AVAILABLE WORKING SPACES (WxDxH)</p> <ul style="list-style-type: none"><li>• 600 x 600 x 800 mm</li><li>• 600 x 800 x 800 mm</li><li>• 800 x 800 x 800 mm</li><li>• 800 x 1,000 x 800 mm</li><li>• 1,000 x 1,000 x 1,000 mm</li><li>• 1,250 x 1,250 x 1,250 mm</li></ul> <p>Other working spaces on demand</p>
<p>AVAILABLE FORCE SENSORS</p> <p>10 kN, 20 kN, 30 kN, 40 kN, 50 kN</p>