

BOX COMPRESSION TESTER

The box compression tester determines the compression resistance of corrugated boxes and cartons.

It is used for quality control and R&D.

Its design offers to the user a comfortable and safe operating position with an excellent 360° visibility of the sample that is being tested.

Used as a stand-alone unit, the box crush tester is operated easily through an intuitive menu.

Data can be visualised directly on the LCD display, transferred directly to a local printer through the parallel port and to a host PC through the serial port.



Model BCT P-4000M

Features

- Standard results : peak force (N and kgf) and deflection (mm), including statistical analysis
- Easy and safe operation through control panel with emergency push button, built-in electronics and exclusive testing software
- Robust construction with rigid frame and precision star ball screw and linear bearings
- Offers selectable test modes :
 - constant speed
 - constant load

Packaging

Physical specifications

Compression plates

Dimension 1000 x 1000 mm

Lower compression plate is fixed and mounted on four HBM high precision load cells.

Steel plates are coated with Teflon.

Dimensions

160 x 100 x 210 cm (WxLxH)

Net Weight

800 kg

Standards

ISO 12048, TAPPI T-804, ...

Performance data

Measuring range

0-40 kN

Precision

10 N

Maximal opening

1000 mm

Test speed range

5-50 mm/min (selectable)

Power supply

220 V, 50/60 Hz, single phase

Power consumption

500 W

Positioning and deflection precision

0.1 mm

Return speed of plate

300 mm/min

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