



BOX COMPRESSION TESTER

model P-6000M



The P-6000M has been designed to determine the crushing resistance of any corrugated boxes and is used for both Quality Control and R&D.

It performs accurate BCT tests according to applicable standards ISO 12048 and TAPPI T-804.

Crushing resistance is a key characteristic of the performance of corrugated boxes due to the high stress experienced during stacking and transportation; if the box collapses its contents may be damaged.

Its design offers to the user a comfortable and safe operating position with an excellent 360° visibility of the sample that is being tested. This equipment is absolutely user friendly and its operation can easily be done through its built-in testing software, alphanumeric LCD display and keyboard.

It offers complete statistics, a parallel port for the connection of a local printer and a RS-232 serial port for the connection to a host computer.

MAJOR TECHNICAL CHARACTERISTICS

Capacity	6000 kgf / 60.000 N
Load resolution	0,1 kgf / 1 N
Selectable testing units	kgf or N
Rupture level (programmable)	10 - 99 %
Testing speed (programmable)	(5- 25) mm/min
Compression plates	(2000 x 2000) mm
Stroke length (programmable)	0 - 2000 mm
Deformation resolution	0,1 mm
Return speed of plate	350 mm/min

The P-6000M also features sturdy frame made of welded steel profiles, lightweight and sturdy aluminium compression plates mounted on welded steel frame, heavy duty step motor, high accuracy ball screws and linear bearings, ergonomic operating position and control panel with emergency push button.

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

Applicable standards: · ISO 12048 · TAPPI T-804 · ASTM D 642 · ASTM D 4577.

Power supply	220 VCA, 50/60 Hz, 500 W, single phase
Dimensions	(2400 x 2000 x 3300) mm (W x L x H)
Weight	3600 kg

Note: due to constant development our equipment design and specifications are subject to change without notice.