

BOX COMPRESSION TESTER *model P-4000M*



The P-4000M determines the crushing resistance of boxes and is used for the quality control and R&D.

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

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	4000 kgf / 40.000 N
Load resolution	1 kgf / 10 N
Selectable testing units	kgf or N
Rupture level (programmable)	10 - 99 %
Testing speed (programmable)	(5- 25) mm/min
Return speed of plate	300 mm/min
Stroke length (programmable)	0 - 1000 mm
Deformation resolution	0,1 mm
Compression plates (*)	(1000 x 1000) mm

(*) *Optional: compression plates (1000 x 1200) mm and (1000 x 1400) mm.*

The P-4000M also features sturdy cast-iron structure, sturdy welded-steel compression plates coated with Teflon membrane, heavy duty step motor, accurate ball screws and linear bearings, stainless steel cover plates, electrical cabinet, ergonomic operating position, control panel with emergency push button, built-in electronics and exclusive testing software.

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

Power supply	220 VCA, 50/60 Hz, 500 W, single phase
Dimensions	(1600 x 1000 x 2100) mm (W x L x H)
Weight	800 kg

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

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