

## BOX COMPRESSION TESTER *model P-4000M*



The P-4000M determines the crushing resistance of boxes and is used for both Quality Control and R&D.

It performs accurate BCT tests according to applicable technical 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 and a RS232 serial port for the connection to a host computer for data transfer or to a local printer.

### MAJOR TECHNICAL CHARACTERISTICS

Capacity (*)	4.000 kgf / 40.000 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 (**)	(1000 x 1000) mm
Stroke length (programmable)	0 - 1000 mm
Deformation resolution	0,1 mm
Return speed of plate	300 mm/min

*Optional: (\*) capacity 5.000 kgf/50.000 N. (\*\*) 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, electrical cabinet, 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	(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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