

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 VAC, 50/60 Hz, 500 W, single phase
Dimensions	(1600 x 1000 x 2100) mm (W x L x H)
Weight	1078 kg

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

Address: Av. Dr. Alberto Jackson Byington, 1595 · **CEP:** 06276-000 - Osasco - SP - Brazil
Phone: + 55 11 3601 5700 · **e-mail:** regmed@regmed.com.br
www.regmed.com.br