



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, 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

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|------------------------------|----------------------|
| 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 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.

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| 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.