

Computerized Box Compression Tester

The Pacorr Computerized Box Compression Tester measures the compressive resistance of cartons and shipping boxes while recording test data through PC-connected software. This 1000 kgf configuration combines a 1000 × 1000 mm platform, a maximum test height of 1000 mm and four load sensors. It provides load-versus-time graphs, peak compression load calculation and automatic data acquisition for packaging quality control.

Specification

- Load Capacity: 1000 kgf
- Platform Size: 1000 × 1000 mm
- Maximum Test Height: 1000 mm
- Load Measurement: Four-load-sensor configuration
- Load Accuracy: ±1% of full scale
- Least Count: 0.1 kgf
- Test Speed: 10 ± 3 mm/min
- Adjustable Speed Range: 10–50 mm/min
- Displacement Resolution: 0.1 mm
- Display: LCD/digital display with PC interface
- Data Connectivity: RS-232 / USB, as per supplied configuration
- Motor: Crompton 1.5 hp induction motor with dedicated gearbox
- Power Supply: 220 V AC, single phase, 50 Hz
- Frame Construction: Heavy-duty double-column mild steel structure
- Lead Screw Material: EN9
- Safety Protection: Overload protection, over-travel protection and emergency stop
- Return Function: Built-in auto-home facility



Model: PCBCT-10C

Key Features

- PC-connected software for automatic test data acquisition.
- Load-versus-time graph for reviewing compression behaviour.
- Automatic calculation of peak compression load.
- Test database organised by date, batch number and operator.
- PDF and Excel report generation.
- Print and export facilities for test records.
- Four load sensors for compression-load measurement.
- Variable-speed drive for adjustable compression movement.
- Heavy-duty frame for routine laboratory and production quality testing.
- Auto-home function for convenient return after testing.
- Integrated overload and over-travel protection.
- Emergency stop for stopping machine movement when required.

Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.

11/15, Site-4 Industrial Area, Sahibabad, Ghaziabad- 201010 Contact No: +91-8882149230, Email Id: info@pacorr.com