



Presto Stantest Pvt. Ltd.

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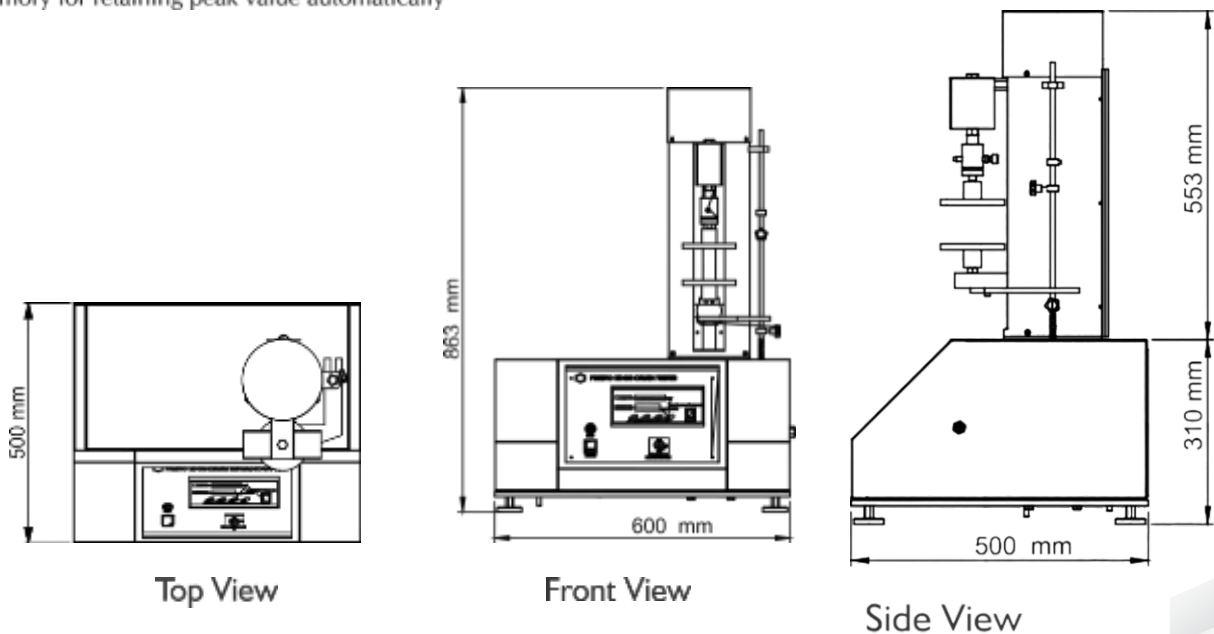
RCT/FCT/EDGE/ Crush Tester - Digital LCD NXG



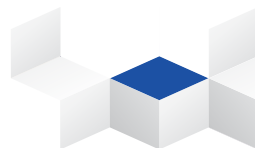
Model No. PCT - 100

RCT/FCT/Edge Crush Tester Digital is a consistent tool to measure the crush strength of cardboard boxes and packaging containers. PRESTO RCT/FCT/Edge Crush Tester is manufactured under Test Standard IS 7063.

- Microprocessor based LCD display for accurate test results $\pm 1\%$
- After completion the test auto home return
- Memory for retaining peak value automatically



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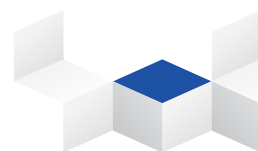




Features -

ECT Tester LCD Model

- 1. Automatic Testing Operation**
The machine performs the test automatically after sample placement, reducing manual error and improving repeatability.
- 2. LCD Display with Live Test Status**
The LCD screen shows real-time test status, load value, displacement, selected test mode, and result during operation.
- 3. Automatic Home Positioning**
After completion of the test, the compression plate automatically returns to its home position for the next test.
- 4. Multiple Test Mode Selection**
The instrument allows selection of different test types such as ECT, RCT, and FCT from the controller.
- 5. Thermal Printer Output**
Built-in thermal printer provides instant printout of test results for documentation and quality records.
- 6. Multiple Load Units**
Test load can be displayed in multiple units including kN, N, kgf, and lbf.
- 7. Result Display in Standard Units**
Final test results can be calculated and displayed in required units such as kgf/m, N/m, lbf/inch, and kN/m.
- 8. Sample ID Entry**
The user can enter or mention the sample ID for proper test identification and traceability.
- 9. Sample Dimension Entry**
Sample dimensions can be entered as per the selected test type for accurate result calculation.
- 10. Pass/Fail Criteria**
User-defined pass/fail limits can be set, and the machine displays the sample status after the test.
- 11. Auto Stop at Specific Load**
The machine can be programmed to stop automatically at a defined load value for controlled compression testing.
- 12. Auto Stop at Displacement**
The test can also be stopped automatically when the set displacement value is achieved.
- 13. Break Point Detection**
The machine automatically detects the peak load/break point and records the final test result.
- 14. High-Resolution Deflection Measurement**
Deflection least count of 0.01 mm provides accurate displacement measurement during compression testing.
- 15. Accurate and Repeatable Testing**
Controlled movement and digital measurement ensure reliable results for corrugated board and paper testing.
- 16. User-Friendly Interface**
Simple menu-based operation makes it easy to select test type, set parameters, start testing, and print reports.
- 17. Compact LCD-Based Design**
Suitable for quality control laboratories, packaging industries, and corrugated box manufacturing units.
- 18. Suitable for Multiple Packaging Tests**
The same instrument can be used for Edge Crush Test, Ring Crush Test, and Flat Crush Test with suitable fixtures.





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Key Specifications:

Load Cell Capacity	250 KgF
Display	LCD (Digital)
Accuracy	±1% at full load (with master load)
Least Count/Resolution	0.01 KgF
Power	220V, Single phase, 50 Hz
Test Speed	12.5± 2.5 mm/min
Multiple units	Kgf, kN, Newton, Lbf
Stop method	Breakdown, achieved load, displacement
Pass/Fail criteria	Minimum & Maximum settings
Profile creation	Available
Results	Load, deflection, Strength
Separate passwords	User & factory settings
RTC settings	Available
Output	Thermal printer
Safety Switch	Upward & Downward Limit Switches
Material	Mild Steel
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Dimensions	600x700x863 mm
Displacement unit	Millimeters, Meters, Centimeter, inches



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