

PAPER & PACKAGING TESTING INSTRUMENTS



Crush Tester Digital - ECT/RCT/FCT

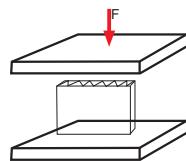


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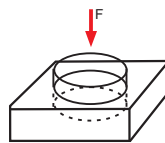


MODEL PCT - 100

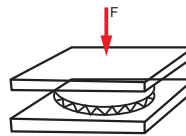
Edge Crush Test



Ring Crush Test



Flat Crush Test



Crush Tester Digital - ECT/RCT/FCT

It is an important testing to find out the rigidity of CFB on edgewise. Higher the edge crush value, higher will be the strength of side wall of the box.

PRESTO Digital Crush Tester is a rigid support type compression tester designed to perform TAPPI and ASTM material tests on corrugated board and its components.

It is suitable to perform Ring Crush, Edge Crush & Flat Crush test as per the standards. The model is table top style with user friendly features.

Technical Details :

- Capacity : 100 Kgf
- Least Count : 100 g

The crushing resistance is determined in terms of kgs / unit length or KN / unit length. The ECT value will depend on glue bonding, RCT (Ring Crush Test) and paper quality.

Standard: IS 7063

Significance: The higher ECT value depicts the rigidity of the CFB box. Hence, it may be used to compare the quality of the CFB board. It is also possible to determine the compression strength of the box (CFB) by using ECT value in the McKee's formula i.e. compression strength = k. ECT x T x Z

K= Constant

ECT = edge crush test value

T=Thickness of CFB board (wall thickness)

Z= Perimeter of the box i.e. (2 L + 2 W)

The equipment is built on a rigid metallic base plate and finished in Autumn Gray & Blue combination painting and bright chrome / zinc plating to give it a corrosion resistant finish.

The Instrument comes complete with Instruction Manual ,Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs.

* Computerised Model is also available.

Electrical Requirement : Single Phase 220 V AC Dimensions : L 60cm x W 50cm x H 125cm Approximate Weight : nett 93 Kg, Gross (Packed) : 110 Kg



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OUR OTHER PRODUCTS :-



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