Edge Crush Tester / RCT / ECT / FCT Digital Model

Product Info :

Edge Crush Tester (Digital Model) brings hi-end features and technology to test packaging box raw material like corrugated or non-corrugated cardboard sheets. The tester evaluates how resistant a cardboard edge is against a vertical crushing load. It can analyze the strength and sturdiness of cardboard sheets by performing Edge Crush Test (ECT). With the precise value of ECT, the manufacturer can categorize the material for packaging box use and have a reality check on how the cardboard will perform. The most popularly used cardboard packaging clearly dominates the packaging industry. Cardboard boxes are renowned for their sturdiness and rough quality while used for storing products for the long run and especially in delivery; the boxes are preferred over any other form of packaging. This rising demand never crushes out the market.

Hence, it's absolutely mandatory to conduct a quality check on the product as well as the raw material used to ensure that you are delivering the set requirement of the market and that your product is high-quality and is regularized by international test standards.

Edge Crush Test (ECT) is a strong quality test procedure performed to evaluate the future performance of the Cardboard sheets and to standardize the product material. The test can be performed in different forms to examine a different aspect of the cardboard, these are Ring Crush Test or RCT, and Flat Crush Test or FCT. As for tests like RCT and FCT, the specimen needs to be in a distinct shape, the machine so allows hold as per the specimen shape for all types of edge strength testing. The test results decide the further use of material. Therefore, it is of vital importance that the test is conducted using a highly accurate quality testing machine.

TECHNICAL DATA :

- Measuring Unit: Kgf
- Measuring range: 100 Kgf
- Least count: 0.01 Kgf
- Accuracy: ± 2% of reading
- Test speed: 12.5 mm/min
- Platen Size: 100mm Diameter
- Power Consumption: 220 VAC, 50Hz Single Phase
- Test Standard Followed: IS 7063-2

FEATURES :

- Microprocessor-based highly accurate digital display to view and record test values
- Electro-mechanical Loading System ensures precision in the test procedure
- Peak-Hold facility to record the maximum force which resulted in specimen deflection
- Separate fixtures for Ring Crush, Edge Crush and Flat Crush Test.
- Uniform compression force while placing a load on the specimen
- Strong gripping clamps for tight specimen hold

Our Valuable Customer

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