

Crush Resistance Tester

Model : HT-CRT

HT-CRT is an advanced **Crush Resistance Tester** incorporates extensive range of features making it ideal for performing various types of Crush Tests on Corrugated sheets at affordable price.

Application

To perform following tests on Corrugated Sheets

1. Ring Crush Test (RCT) for paper.

This is an important quality criterion and must be kept in mind while selecting paper. Similar BF papers may have different RCT values. The higher the Ring Crush values the better.

2. Flat Crush Test (FCT) for corrugated board.

This test gives an idea of board toughness and is a good index of quality of fluting media. Low value indicates soft and lumpy boxes, while higher value indicates rigid and strong boxes with low buckling property.

3. Edge Crush Test (ECT) for corrugated board.

The liner and the media combination (3/5/7 Ply, etc) can be tested for Edge Crush test value. Higher Edge Crush Test value will ultimately give a finished box of high compressive strength.

4. Pin Adhesion Test (PAT) for corrugated board.

This test evaluates the glue bond between a liner and fluting. A poor bond will result in carton failures like - Delamination (Ply Separation).



Specifications :

- Electro Hydraulic Model
- Digital Model with Backlit LCD display.
- With auto-calibration facility.
- Simple to operate. Simple to Maintain.
- Negligible maintenance requirement.
- Supplied complete with Test Jigs and Sample Preparation Templates for RCT, FCT, ECT and 1

Set of Test Adaptor for PAT (Automatic Cutters are also available at an extra cost).

Models : 100Kg, 300Kg and 500 Kg

Software (Optional) :



Windows based • Menu Driven • Control and Data Acquisition • Report and Graph Printing facility
Please refer to Software Literature for more information