

## **BOX COMPRESSION TESTER**

**CATALOGUE NO.: GEC-P40401**

**Box Compression Tester** is a heavy-duty tester designed to determine the ability of Corrugated or Solid fiber shipping containers to resist external compressive forces during transit & storage. Boxes can be tested to complete collapse or held automatically at a predetermined load for a given period to evaluate stacking loads. A recording device is incorporated to indicate the force and deformation (deflection) required to compress the container between two flat platens.

It is usually desirable to test the empty shipping container before filling of material to study of compressive resistance. This information used to provide an indication of the load that a particular container may be able to withstand in service. It may also be used to compare the compression characteristics of boxes differing in design or construction.

Box Compression Test also serves as a useful index of overall quality of the material and workmanship of the box.



### **APPLICABLE STANDARDS:**

**TAPPI T804, ISO 12048, DIN 51221 class 1,  
ASTM E-4, BS 1610:1985 Grade 0.5**

### **Salient Features:**

- Direct Digital Readout of Compression Strength and Deflection with Alphanumerical display.
- Sophisticated electronic controls for precision & easy operation with switch for emergency stop.
- Complete with memory for retaining peak value, automatic or normal zero setting, overload and over travel protection facilities.
- Units of compression may be selected in N & Kgf.
- Auto Calibration in simple steps with easy to use.

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