

DIGITAL BOX COMPRESSION TESTER



This equipment is designed to measure the ability of the container to resist external compression loads during transit and storage. Compression Strength Test also serves as a useful index of overall quality of the material and workmanship of the box.

FEATURES:

- Incorporated Micro Processor-based control panel, sophisticated electronic controls for precision and easy operation.
- Direct Digital Readout of Compression Strength with separate PEAK hold on bright LCD Display.
- Large LCD 105mm x 40mm for better view of readings.
- Electro Mechanical drive system as specified in IS 7028-VI.
- Ball screw driven frictionless movement of platen & servo motor makes machine noise free in operation.
- Provision for termination of test at pre-selected load (This facility avoids destruction of the box).
- Over Travel Protection.
- Data analysis software for report preparation with graph

SPECIFICATION:

| Model | D3-5K | D3-10K |
|--------------------------------|-----------------------|-----------------------|
| Capacity (kgf) | 500 | 1000 |
| Test Height (mm) (L x H x W) | 500x500x500 | 1000x1000x1000 |
| Least Count | | |
| A) Load | 0.1 (kgf) | 0.1 (kgf) |
| B) Displacement | 0.1 (mm) | 0.1 (mm) |
| Max. Speed | 150 (mm/min) | 150 (mm/min) |
| Test Speed | 12.5 (mm/min) | 12.5 (mm/min) |
| PC Interface | Yes (RS232 OR USB) | Yes (RS232 OR USB) |
| Software for report | Yes | Yes |




STANDARD COMPLIANCE:

- IS: 7028 (Part VI) 1973 & 7028 (Part IX) 1975
- ASTM: D 4577 – 94/D 642 – 98
- TAPPI: T 804 om-02
- FEFCO: TM 50 1997
- FCBM: 14:96

* Models with higher capacities and bigger platform sizes can be designed and manufactured as per requirement.

DEMO VIDEO: Please Click on it to open



 <https://www.vertexmachines.com/>  +91 93234 05785  info@vertexmachines.com

Actual product may differ in color and appearance due to constant development.