



VERTEX

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



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