



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



Vertex Engineers & Associates

An ISO 9001:2008 Certified Company

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Model	D1-5K	D2-5K	D1-10K	D2-10K
Capacity (kgf)	500	500	1000	1000
Test Height (mm) (L x H x W)	500x500x500	500x500x500	1000x1000x1000	1000x1000x1000
Least Count				
A) Load	0.1 (kgf)	0.1 (kgf)	0.1 (kgf)	0.1 (kgf)
B) Displacement	0.1 (mm)	0.1 (mm)	0.1 (mm)	0.1 (mm)
Max. Speed	150 (mm/min)	150 (mm/min)	150 (mm/min)	150 (mm/min)
Test Speed	12.5 (mm/min)	12.5 (mm/min)	12.5 (mm/min)	12.5 (mm/min)
PC Interface	No	Yes (RS232 OR USB)	No	Yes (RS232 OR USB)
Software for report	No	Yes	No	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.



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