



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

PAPER TUBE & PAPER CONE COMPRESSION TESTER - 2000 KGF CAPACITY - COLLAPSE TESTER



Compliance Standards:

ISO 3035, ISO 3073, ISO 7263, IS 7028

Applications:

1. For Paper Tubes / Cores used as Winding Medium / Carrier, Radial Crush Test is performed.
2. For Paper Tubes / Cores used as Packing Material, Flat Crush Test and Vertical Crush Test can be performed.
3. For Paper Cones used as Yarn Carrier, Radial Crush Test is performed.
4. For Paper Cones used as Packing Material, Flat Crush Test can also be performed.

Salient Features:

1. Unique design & Aesthetic outer appearance
2. Standard Digital Model
3. Single instrument suitable for **Radial Crush Test, Flat Crush Test on Paper Tubes / Paper Cores / Paper Cones**
4. Digital Model with **Backlit LCD Display for easy readability.**
5. **Electro-Pneumatic system** with embedded push buttons on Indicator panel.
6. Feather touch keypad
7. Direct Display of Load / Collapsing Force. No Calculations Required.
8. Auto-stop upon completion of Test.
9. **Supplied complete with flat test adapters to carry out core test and cone test (Radial crush adaptor at extra cost)**
10. All the test adapters are designed in such a manner that changing from core sample to cone sample OR from one size to another size of core sample & cone sample is very quick, handy, easy & less time consuming.
11. Peak hold facility to register the maximum load

12. Higher degree of consistency and reliability.
13. Direct display of load/collapsing force is possible without any calculations.
14. Perfect combination of price, accuracy and features.
15. With Auto-Calibration facility using standard cast Iron weights.

(Please specify tube OD x length or core OD dimensions while ordering to avoid delays.)

Note

1. **We will make provisions for adopters only up to the Minimum and Maximum Core OD specified by you, while placing the order. If you need any provisions for future sizes, inform us in advance in the PO itself.**
2. **Please specify tube OD x length or core OD dimensions while ordering. We CANNOT process your order in absence of core sizes. Please provide 5 samples of each type of Tube / Core size with the PO or max within 15 days of PO. Delay in providing core sizes is to your account**
3. Large Size Models suitable for cores upto 250 mm, available at extra cost

Utilities Required (To be supplied by the buyer):

1. Power Supply : 230 Volts AC at 50 Hz. (Fluctuation Free Power required)
2. 50 / 100 Kg Cast Iron Weights - These weights are required for calibration at the time of installation and then every 6-months for routine calibrations
3. Compressed Air supply at 5 - 6 kg/cm² (Rust, Dirt and Moisture Free Supply)

Following adapter will be supplied at extra cost:

- a. **For Texturising Tubes of 57mm ID and 62/63mm OD - Cost mentioned separately**

The top adaptor will be 200mm long, bottom Adopter will be 200mm long

- b. **For Texturising Tubes of 69mm ID and 75mm OD - Cost mentioned separately**

The top adaptor will be 150mm long, bottom Adopter will be 200mm long

- c. **For all POY and other types of Paper Cores**

POY Test Length = Actual, upto 150mm, Paper Core Test Length = 100mm

- i. OD up to 125mm **Optional**
- ii. OD 125 - 150mm **Optional**
- iii. OD 150 - 185/186mm **Optional**

Technical Specification

- Capacity : 2000 Kgf (at 6 kg/cm² air pressure)
- Least count : 10 Kgf
- Accuracy : 0.5% of Full Scale
- Power Supply : 230 Vols, 50 Hz, Single Phase, AC Supply
- Exterior body : Fabricated from Mild steel material
- Exterior Body Paint : Powder coating in attractive shades
- Overall Dimensions : 725 X 415 X 900 (L X W X H) MM

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