

Top Load Tester

The Top Load Tester is an utmost necessary instrument in the packaging and PET industry. In these industries it is crucial to maintain the quality of the products manufactured (pharmaceutical and chemical bottles, beverages and other PET related products) as they are prone to damages and disfiguration. Moreover these PET bottles can be deformed due to rough handling, transportation and storage.

The Testronix top load tester is an accurate instrument to test the crushing load of bottles (HDPE, LDPE & PET). The instrument is able to provide the peak load value at which the crushing took place. The user can easily analyze the results with the help of the microprocessor instilled in the instrument. The top load tester is an accurate instrument and calculates the load in kgf. The Testronix top load tester has a robust construction. The instrument has a powder coated body which is corrosion resistant.

To test the quality resilience and compression strength of Bottles the Top Load Tester is the most appropriate instrument. The instrument also adheres to various international test standards. The top load tester hence has a user friendly design and provides the user with consistent and precise results at all times



Specification-

- Max. Load Range: 100Kgf
- Accuracy: $\pm 2\%$ full scale (with master load)
- Least Count/Resolution: 0.1 Kgf
- Power: 220V, Single phase, 50 Hz
- Display: Digital & Graphical
- Peak Load indicator with Digital readout
- Inverted straight Compression Plates – 1 set
- Compression plate diameter- 180 mm \pm 5mm
- Available in 250kgf & 500kgf capacity as well

Features-

- Inverted straight plates for zero slip gripping support
- Digital Display for accuracy and repeatability
- Option for user to switch off the machine in case of buckling of the test sample.
- In-house calibration facility
- Peak Load Hold Facility (save in memory)
- Highly accurate test results under compressive force
- Dimensions: 635 x 583 x 1161mm
- Over load protection set at 80% of max. load value

Optional accessories

1. Speed drive
2. Computerized software
3. Various load cell capacities i.e 250kgf & 500kgf
4. Safety glass fixture in case of glass bottle testing

