

Top Load Tester Computerized

The Top Load Tester computerized is one of the most important instruments in the bottle manufacturing industry. It has the application of calculating the crushing load/ compression load for bottles. The instrument has a user friendly design. The compression plates in the computerized model have been designed in such a way so that accurate force can be calculated accurately.

The computerized model of top load tester has unique features and provides the customer with a graphical test report. The graphical representation helps the user in analyzing the trend of crushing force for bottles. The test report can also be emailed and can be saved in the desktop of the user.

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

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
- Computerized software inbuilt

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
- Computerized feature with graphical test report
- Test report of Force Vs time
- Email test report facility



- Report saving feature in drive
- Availability of pass fail report

Optional accessories

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

