

Top Load Tester- Digital

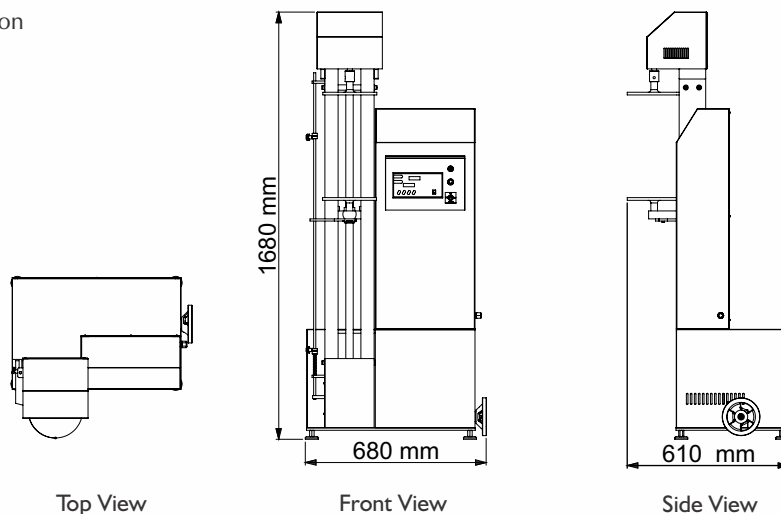


Model No. PTL-0105

Registered Design No. 252613

Top Load Tester – Digital is a new generation semi automatic motorized top load tester. It gives Compressive Buckling Load in digital format. The digital display is a high end sophisticated read out with Auto Tare (ZERO) set facility and Peak Hold arrangement. The test sample is placed in between the inverted concave jaws for zero slip gripping.

- Inverted straight plates for zero slip gripping support
- Digital Display for accuracy and repeatability
- Option for user to switch off machine in case of buckling of test sample.
- In-house calibration facility
- Peak Load Hold Facility (save in memory)
- Data output in digital display form
- Highly accurate test results under compressive force
- Bright LED display
- Feather touch controls
- Over load protection



Top Load Tester is designed to provide Compressive buckling load. The instrument is used for testing the load bearing capacity of the PET containers when subjected to an extreme load from the Top direction. It determines accurately the maximum load a PET container can bear without any deformation or failure.

Key Specifications:

Model available in various Load Range	100Kgf (50 Kgf on request)
Accuracy	± 2% full scale (with master load)
Least Count/Resolution	0.1 Kgf
Test Speed *	24 ± 5 mm / min.
Power	220 V, Single phase, 50 Hz
Display	LED display (7 Segment)
Load Monitoring	Peak Load indicator with Digital readout and peak hold feature (result save in memory)
Compression Plate	Dia of Compression Plate - 180 mm ± 5mm

* VFD drive optional for variable speed.

Highlights:

Safety	Upward and Down ward Limit switches provided (over travel safety)
Grips	Inverted straight Compression Plates 1 set
Material	Mild Steel
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Dimensions	1680x680x610mm
Safety	Over load protection set at 80% of max. load value

Optional Features :

- Top Load Tester Digital cum Computerized model also available
- Top Load Tester Prima Series with Touch Screen model also available

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