

Top Load Tester - Computerized



Product Info :

Top Load Tester Computerized manufacturers and suppliers offer one of the most extensively used testing equipment that is used by the pet and bottle industries to test the strength of the bottles. In the bottling industries, the quality and strength of the bottles is of the utmost importance as the bottles are used for packaging of the products such as drinks, medicines, food products and so forth. The manufacturers of the products and the bottles need to ensure that the bottles have enough strength so that they could easily bear the forces that are exerted on them during handling, storage and transportation. One of the most critical force that the bottles have to bear is the compressive force that is exerted on them during storage, this can crush and damage the bottle hence the manufacturers of the bottle must ensure the best strength of the bottles and of that, they need to test the compressive strength of the bottle.

the best machine to test the strength of the bottles. Pacorr is one of the most extensively known Top Load Tester Computerized manufacturers and suppliers offering the best instrument to test the compressive buckling load of the PET bottles. PET and plastic bottles are vastly used in many industries for packaging of different products. These products include drinks, milk products, medicines, food products, industrial chemicals and so forth. IN order to provide the best level of safety to these products, the manufacturers need to ensure that the bottles used for packaging of these products are of best quality. In industries when these bottles are stored, they are placed in stacks by placing them on the top of one another. This puts a huge amount of pressure and compressive force on the bottles.

TECHNICAL DATA :

- Load Capacity: 250 Kgf.
- Used to measure buckling strength.
- Least Count: 0.05 Kgf (50gm)
- Compression Plates size: Diameter 200 mm or as per sample.
- Vertical Clearance: 500mm
- Test Speed: 25 +/- 2mm/min.
- Speed: Variable (10 to 50 mm /min or as per required)
- Speed variation through Frequency drive make.
- Microprocessor based LCD load indicator: Accuracy of $\pm 0.05\%$ of load indicated & Resolution of 0.1 kg.
- Peak load hold Indication.
- Auto stop at preset point of Load (Kgs) or compressive travel (mm).
- Limit switches for protection of cross head travel
- Operation for test from Machine with For, Rev and Stop switch on machine and also, from PC software.
- Microprocessor based load indicator: Accuracy Of +/- 0.05% of load indicated.
- Results can be evaluated in Kg, Newton & Pound.
- Over load excess compression protection provided
- Over Voltage protection.
- Versatile software with Repeat test and comparison of test results, Average result display.
- Excel sheet conversion of data and graph.
- Auto selection of all values on graph with modification option.
- Software Key and CD will be provided with machine.
- RS 232 interface with WINDOW based software to conduct test and keep record of data with graph for the test and calculated results of Compressive Load and compression in mm
- Heavy duty frame structure
- Compression display: Least count of 0.1 mm through Proximity / encoder switch.
- Table top Model.
- Paint: Powder Coating.
- Power: 220V AC, 50Hz.
- Computer/ Laptop: Client Scope.

Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.