

Plastic Bucket Compression Tester



Product Info :

Plastic Bucket Compression Tester is used to test the quality of plastic buckets. The testing instrument helps to calculate the amount of compressive force a plastic bucket can tolerate when the pressure is applied on the plastic buckets in a vertical direction. The pressure is exerted until the sample collapses to examine the maximum strength the plastic bucket can tolerate to its maximum. The testing machine is designed keeping in mind the international standards such as ASTM D642, ASTM D4169). The testing machine is equipped with a digital display and user-friendly controls to conduct the test. Plastic Buckets can be used as food storage, item storage, storing toys for kids, and even in agricultural lands and for gardening. For agricultural purposes it is used in many applications such as loading and unloading grain, moving bulk and feeding animals. In commercial kitchens, to ensure that you're keeping the

ingredients fresh, maintaining hygiene, reducing food waste, etc. The plastic buckets are widely used because of the benefits of plastics. These are made of HDPE material, non-reactive thermoplastic, that resists chemical, climatic conditions and more. With the wide demand of plastic buckets, it becomes the major responsibility of the manufacturers in Plastic Bucket Manufacturing Industries to test the quality and strength of these plastic buckets and produce only high quality products. The major flaw that arises with the plastic buckets is the compression of these buckets especially at the time of warehousing and storage when they are stacked one above which makes the buckets to collapse and causes spillage of the products that are packed inside.

Technical Data :-

- Type: Compression
- Capacity: 2000Kgf
- Display: Digital, LCD with Backlit
- Accuracy: $\pm 2\%$ full scale (with master load).
- Least Count: 200gm
- Power: 220V, Single phase, 50 Hz
- Test Platform Size : 800mm x 800mm x 800mm
- Test Speed Range: 10 mm/min to 50 mm/min.
- Speed Drive: 10mm/min to 50mm/min.
- Standard: ASTM D642, ASTM D4169
- Options: Computerized Model Available

Features : -

- Microprocessor based display for accurate test results
- Highly accurate test results under uniform compression Force
- TARE and Peak Hold Facility Available
- Over travel protection
- Strong base plate with rugged structure
- LCD display with backlit
- Available in various platform sizes and Load Cell Capacity.

Our Valuable Customer



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