

# Compression Strength Tester ( Capacity-3000Kgf)



## Product Info :

**Compression Strength Tester** Strength Tester is the renowned testing machine used to test the maximum compressive load that a test specimen can withstand until it deforms or ruptures by a certain percentage. Standard application requires a minimal force whereas for certain heavy applications, higher compression strength is required. To perform the test using a compression tester, the product is placed between two parallel compression plates. Then the uniform amount of compressive load is applied on the sample and the maximum load value at which the sample starts rupturing is recorded by the machine. Compression Strength Tester is a widely used testing machine which is used in multiple industries to test the compression strength of different types of goods. For instance, it is used in paper and packaging industries to test the compression strength of corrugated boxes,

winding roll, in plastic industries to test the strength of bottles and plastic containers, and many more. For determination of crush or compression resistance of these products, the product is placed between two parallel compression plates. Then the uniform amount of compressive load is applied on the sample and the maximum sustained load value is recorded by the machine. The testing machine is designed keeping in mind the national and international standard testing methods such as ISO 11093.

### The testing machine comes with:

- Inbuilt calibration facility with electro pneumatic system ensures that it is maintenance-free.
- Once the test is done, it will automatically return to home position.
- It also has a microprocessor-based display that offers precise test results.

## TECHNICAL DATA :

- Type: Compression
- Capacity: 3000Kgf
- Display: LCD (Digital) with backlit
- Accuracy: & 2% full scale (with master load).
- Least Count: 0.5kg
- Power: 220V, Single phase, 50 Hz
- Test Platform Size : 1500mm x 1500mm
- Test Speed: 12.5 &plusmn; 2.5 mm/min
- Speed Drive: 10mm/min to 150mm/min.
- RS232 communication port to interface with PC.
- Standard: ASTM D642, ASTM D4169
- Motor - 2HP (Crompton / Bharat Bijlee) 3 phase 50 Hz.

## 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.
- Computer interface through RS232 Communication.
- Report includes graph & load v/s deflection, Peak Force/ Load, Operator ID, Time, Date etc.

## Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.

11/15, Site-4 Industrial Area, Sahibabad, Ghaziabad- 201010 Contact No: +91-8882149230, Email Id: info@pacorr.com