

Bursting Strength Tester- Digital



Product Info :

Bursting Strength Tester is Quality Testing Equipment that is popularly used in the paper and packaging and textile industries. The equipment helps evaluate the Bursting Strength or Bursting Factor Value of a product to determine the capacity of resisting the vertical load before it burst out and damages itself. The tester comes with advanced features and deliverables which are designed as per international standards ensuring high precision in test results.

Material like Paper, Cardboard, Foil, Fabric etc. used in packaging industries must be strong enough to prevent damage under load while in storage or during transportation. Hence, for Industries like paper & packaging, or textile, ensuring the bursting strength of the raw material is vital to ensure that the material is good enough to sustain through the storage and transit course.

Bursting Strength Tester is highly-precised testing equipment that helps manufacturing industries to evaluate the performance of the material under bursting force. It helps recreate the real-life load exposure to check the sustainable quality of a material.

The tester comes with a Digital Display that helps users to set Testing parameters like time, force applied and the value can be evaluated from the display itself. It's equipped with two sturdy and strong-built clamps, upper and lower. The lower clamp holds the specimen strong and ensures that the product doesn't slip off during the test especially when the material is pushed.

The upper clamp is built to exert vertical load on the specimen. Once the peak force is achieved in the test where the product fails to resist the load further and burst, the force is automatically recorded and displayed on the screen.

TECHNICAL DATA :

- Pressure Range: 40 Kg/ cm²
- Least Count : 0.1 Kg/cm²
- Display: Digital
- Opening in upper clamp: 35.5 mm diameter
- Openings in lower clamp: 38.1 mm diameter
- Rate of fluid displacement: 95 cc/minute
- Test fluid: Glycerin
- Motor: ¼ HP Single Phase
- Peak Hold Facility: Yes
- Accuracy: ± 1% within 10% to 90% of entire range as per IS: 1828
- Standards: ASTM D3786, ASTM D774

FEATURES :

- Digital LCD display with backlit.
- Tare facility available.
- Peak Hold facility for keeping the maximum value in the memory.
- Single Push Button Operation
- Microprocessor based display for accurate test results.
- Highly accurate test results under multidirectional Force
- Strong Gripping clamps
- Grooved structure of Test Specimen Holder to avoid slippage and intact holding of specimen under test
- No slippage in case specimen is tightened uniformly using operating wheel.

Our Valuable Customer



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