

BURSTING STRENGTH TESTER

(DIGITAL MODEL)

CATALOGUE NO.: GEC-P40104-D

Bursting Strength Tester measures Bursting Strength of strong Paper, Solid Fibreboard, Corrugated Board, Film, Tissue, Nonwovens, Textiles, Geotextiles, Tobacco Leaf and other similar materials by submitting it to increasing uniform hydraulic pressure. Bursting strength is a widely used measure of resistance to rupture in various materials. A test specimen is held between two circular clamps and subjected to an increasing pressure from a rubber diaphragm. The rubber diaphragm is expanded by a controlled hydraulic pressure until the test specimen ruptures. The bursting strength (B.F.) of the specimen is the pressure reading at the time of rupture.



APPLICABLE STANDARDS :

TAPPI T-493, TAPPI T-807, T-810, ASTM D774, ASTM D2529, D738, AS/NZ 1301, 438,403, ISO 2758, CPPA D.8 & ISO 2759, DIN 53141, SCAN P24, SCAN P25

Salient Features:

- Heavy Duty Cast Iron fully enclosed body.
- Single push button operation activates an automatic test cycle determining rapidly the bursting strength of paper or board.
- Adjustable clamping pressure.
- Overload protection (Preset).
- Test result remains frozen till next operation.
- Accuracy $\pm 1\%$ of readout values within Kg/cm^2 .
- Two units of measurement (Kg/cm^2 & PSI).
- Changeable peak detection level for different materials.
- Auto Calibration in simple steps.
- Suitable for both Paper and Board Testing.

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