

BURSTING STRENGTH TESTER

(MICROPROCESSOR MODEL)

CATALOGUE NO.: GEC-P40104-E

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. A Microprocessor control provides a high level of accuracy and excellent reproducibility of test results.

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.
- Digital display/printout of Bursting Strength, Burst Factors & Other parameters.
- Complete with Memory for retaining peak value, automatic Zero setting, overload & over protection facilities.
- Test result remains frozen till next operation.
- Changeable peak detection level for different materials.
- Fully automatic control for pneumatic clamping of specimen and testing cycle & Histogram for immediate visual review.
- Suitable for both Paper and Board Testing.

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