



DIGITAL BURSTING STRENGTH TESTER FOR PAPERBOARD AND LINER BOARD

Usage: for determining bursting strength of paper and board and Linerboard

Standardization: TAPPI T 807, T 810, SCAN P-25, BS 3137, ISO 2759.

Device Description: the Burst Tester is built on a sturdy aluminum frame and the results are displayed on a digital load indicator. The Burst tester works according to Mullen principle. A piston pumps glycerin under the circular elastic diaphragm. The diaphragm bulges and distorts the sample, which is clamped around the periphery around the clamping bell. Pressure is increased until the sample is burst.

Test Description: It is measured by giving a hydraulic pressure through a rubber diaphragm on a circular area of the specimen of CBF under test conditions. Force requires to burst or complete rupture of the board is measured through a Digital Indicator. The bursting strength value is expressed in terms of kg/cm². The bursting strength defines the materials quality compare to the others. The value of the bursting strength will give the indication that how much weight may be carried in the box/Paper.

Specifications:

Measuring Results	Individual burst Strength in Kg/cm ² or KPa
Measuring Range	0-60KG/cm ²
Accuracy	± 1% of the readout value
Display	Touch screen display
Clamping Type	Pneumatic Clamping
Specimen Clamp Upper Part (Paper)	30.50 mm +/- 0.05 mm
Specimen Clamp Lower Part (Paper)	33.10mm +/- 0.05mm
Operating System	Microcontroller Based

Delivery Content: Unit is Supplied with 1 C spanner, Spare diaphragms for paper and paper board and Standard Glycol