



Presto Stantest Pvt. Ltd.

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Bursting Strength Tester –Burst Genie 4.0 Computerized



Manual Clamping



Strong Gripping Clamp

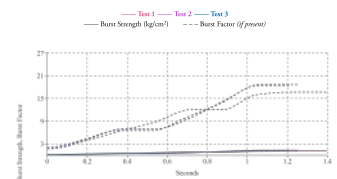
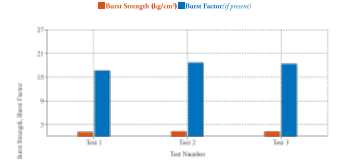


5 Inch LCD Display



Bright LED Indicators

Bar Plot



Bursting Strength Tester –Burst genie 4.0 Computerized is a consistent tool to indicate the Strength and performance of material like paper boards, paper, uneven boards, boxes, solid fiber boards, Foils, sheets, etc. PRESTO Bursting Strength Tester is manufactured under various Test Standards ASTM D 3786-01, ASTM D 3786 – 80A, ISO 1060 PART-1 1987. Available in Various other models like digital model and Digital model with printer facility.

- Single Push Button Operation
- Hand wheel for manual clamping
- Wide 5-Inch Liquid Crystal Display (LCD) enhances the Bursting Strength Tester by offering clearer visibility, easier data interpretation, and real-time monitoring
- Allows users to input and manage detailed information for multiple specimen profiles
- Display show 12 sample test bar graphs
- Dual Mode of Operation - Paper and Board Mode
- Grooved structure of Test Specimen Holder to avoid slippage and intact holding of specimen under test
- Automatic peak value detection
- Auto calculation for BF, Average value and counts of Pass samples
- Pass/Fail Criteria Customization for clear indication of PASS/FAIL.
- inbuilt calibration feature ensures that the testing machine maintains accurate readings for burst strength in both modes
- Fully software controlled

Bursting strength is the force required to burst or rupture the material under testing. Bursting strength of test specimen is expressed in terms of Kg/cm*. It is measured by giving hydraulic pressure through a rubber diaphragm on the test specimen.

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Key Specifications:

Capacity	40 kg/cm*
Display	5 Inch LCD
SpecimenClamping	Manual
Accuracy	± 1% within 10% to 90% of entire ranges as per IS : 1828 with master gauge
LeastCount/Resolution(Paper mode)	0.01 Kg/cm ²
LeastCount/Resolution (Board mode)	0.1 Kg/cm ²
PressureSensor	PressureTransducer
Power	220V, Singlephase, 50 Hz
Testfluid	Glycerin about 98% purified (lab grade)
Rate of fluid displacement	95 cc/minute
Motor	1/4 HP, SinglePhase, 1440rpm
TestRange	0.5 Kg / cm ² to 38 Kg / cm ²
Multiple test units	Kg/cm ² , MPA (Board) , KPA (Paper), and Bar
Operation mode	Paper and Board
Average value display	Yes
PASS/FAIL criteria	Yes , Minimum and maximum test values can be entered for every test
Display	A maximum of 12 samples results can be seen on display
Maintenance kit	Yes, included
SafetySwitch	Yes
Material	Mild Steel
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome/ zinc plating for corrosion resistant finish
Dimensions	500 x 600 x 443 mm

OUR OTHER PRODUCTS :-

					
Box Compression Tester	Scuff Resistance Tester	Tensile Tester Digital	Spectrocolorimeter	Cobb Sizing Tester	Digital GSM Balance

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