



Presto Stantest Pvt. Ltd.

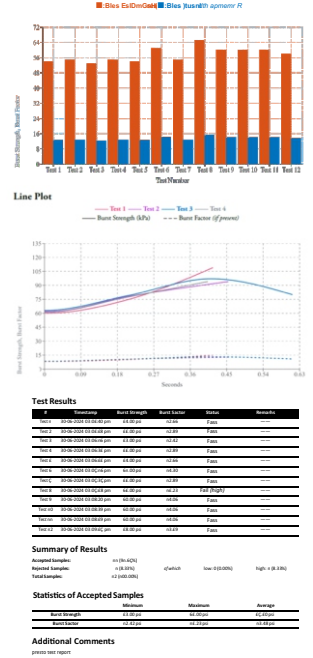
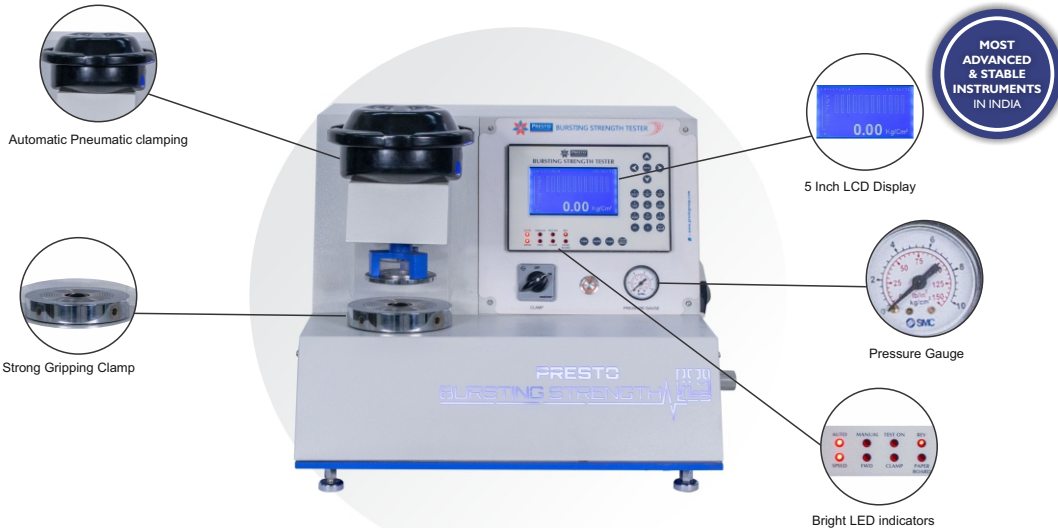
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Bursting Strength Tester –Burst Genie 4.0 Computerized



Model No.

Bursting Strength Tester – Digital Burst genie 4.0 is a consistent tool to indicate the Strength and performance of material like Rexene, leather, paper boards, paper, uneven boards and boxes, industrial fabric and solid fiber boards, filter cloth, plastic films, 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 Computerized cum digital model and Digital model with printer facility.

- ❖ Single Push Button Operation
- ❖ Auto Sample Locking under selectable pressure range
- ❖ 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
- ❖ Highly accurate test results under multidirectional Pneumatic Force
- ❖ 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
- ❖ Dual Hand clamping mechanism for Enhanced Safety against pneumatic cylinder
- ❖ 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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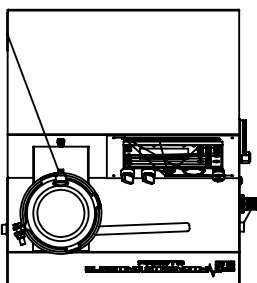
Key Specifications:

Capacity	40 kg/cm ² .
Display	5 Inch LCD
Specimen Clamping	Pneumatic
Accuracy	± 1% within 10% to 90% of entire range as per IS : 1828 with master gauge
Least Count/Resolution (Paper mode)	0.01 Kg/cm ²
Least Count/Resolution (Board mode)	0.1 Kg/cm ²
Pressure Sensor	Pressure Transducer
Power	220V, Single phase, 50 Hz
Test fluid	Glycerin about 98% purified (lab grade)
Rate of fluid displacement	95 cc/minute
Motor	1/4 HP, Single Phase, 1440 rpm
Test Range	0.5 Kg / cm ² to 38 Kg / cm ²
Multiple test units	Kg/cm ² , MPA (Board) , KPA (Paper), PSI 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
Safety Switch	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
Sample Clamp Pressure	2 - 5 Bar (3 to 4 CFM)

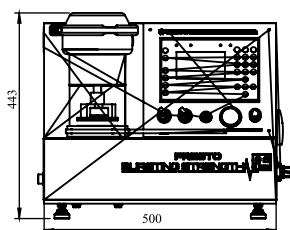
Standard Accessories:

- ◆ 100 MI Glycerin bottle 1no.
- ◆ Calibrated Aluminum foil pack of 4 nos.
- ◆ Glycerin bowl opening wrench 1 no.
- ◆ Rubber Diaphragm pack of 2 nos.
- ◆ Screw Driver 1 no.

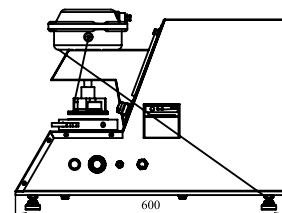
Air compressor not a part of supply



TOP VIEW



FRONT VIEW



SIDE VIEW

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