



Presto Stantest Pvt. Ltd.

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BURSTING PNEUMATIC DIGITAL GENIE 4.0



PRESTO BURST GENIE 4.0 DIGITAL

- Presto Burst Genie 4.0 is an automatic Bursting Strength Tester device used to measure the Bursting strength & bursting factor of packaging materials like paper, cardboard, and corrugated sheet to rupture under pressure.
- The automatic feature enables precise and consistent measurements, reducing human error and increasing efficiency. Key applications include quality control in Paper & packaging industries.

FEATURES

- Hydrostatic Pressure application
- Bigger LCD Display
- Test Mode
- Multiple test unit
- Auto test Function
- Auto Peak Detection
- Auto Reversal Mechanism
- Calculated Test Result
- Pass Fail Criteria
- Auto Average Calculation
- Bar Graph
- Easy Calibration
- Low Maintenance
- Robust Design





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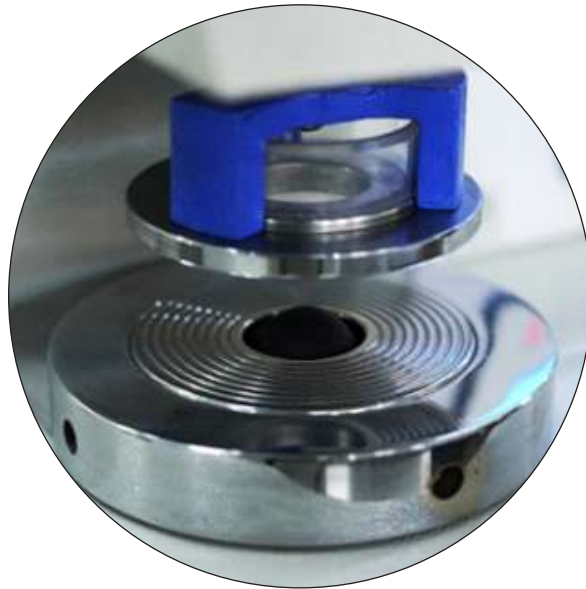
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HYDROSTATIC PRESSURE APPLICATION

- The tester typically uses either a hydraulic system to apply pressure to a sample until it bursts.
- As per TAPPI standard hydraulic system is known for its accuracy and consistency in pressure application.



BIGGER LCD DISPLAY

- Presto provides 5" Liquid Crystal Display in burst genie 4.0.
- Bigger LCD Display provides real-time monitoring and results, such as the pressure applied and the bursting point.



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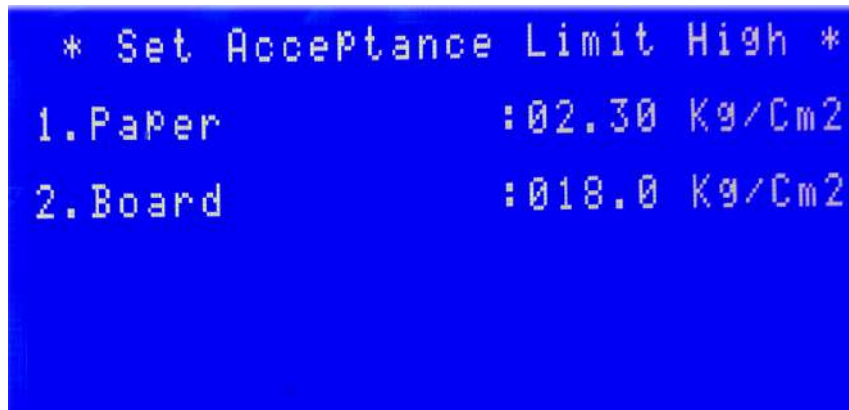
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TEST MODE

- Burst genie 4.0 provides Customer to select test mode selection feature According to test specimen for batter accuracy.
- There are two test mode provided in the machine –
- Paper Mode • Board mode

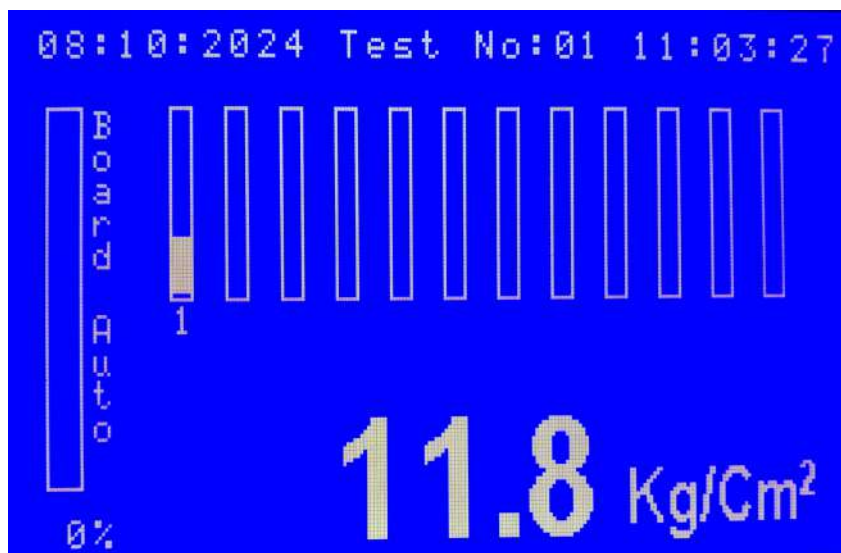


AUTO TEST FUNCTION

- Burst genie 4.0 provides Single push button operation.
- Customer can perform whole test process with a single push button.
- This models can automatically increase pressure and record the bursting strength without manual intervention, improving test consistency and reducing operator error.

AUTO PEAK DETECTION

- This models can automatically detect and record the peak bursting strength without manual intervention.
- It will improve test consistency and reduce operator error.





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AUTO REVERSAL MECHANISM

This models will automatically stop after bursting of specimen and Machine diaphragm will return to home position without manual intervention.



PNEUMATIC CLAMPING

- Pneumatic clamping in a bursting strength tester provides consistent pressure, enhancing test accuracy and efficiency.
- It improves safety by reducing manual handling, offers quick automated clamping for faster testing, and ensures stable sample holding.



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CALCULATED TEST RESULT

- This bursting machine provides accurate results like bursting strength tester and Auto calculated bursting factor.
- Automatic calculation of results by this burst genie 4.0 enhances accuracy, eliminates manual errors, and speeds up the testing process.
- It ensures consistent, reliable data, simplifies analysis, and improves efficiency.

```
** Test Results-Burst Value **  
(1)02.06 (5)02.59 (9 )02.31  
(2)02.33 (6)02.33 (10)02.35  
(3)02.64 (7)02.24 (11)02.34  
(4)02.64 (8)02.46 (12)02.36  
Average of Burst Value : 02.15  
Accepted Results: 02 Out of 12  
  
Down-Next
```

PASS/FAIL CRITERIA

- This burst genie 4.0 provides feature to set pass/fail limits to the operator.
- It simplifies decision-making, reduces interpretation errors, and enhances quality control by providing consistent, objective results.

```
*** Operator Settings ***  
7.Set Acceptance Limit HIGH  
8.Set Acceptance Limit LOW  
9.Set GSM  
  
Raw ADC Reading: 044900  
  
Up-Prev Menu
```





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AUTO AVERAGE CALCULATION

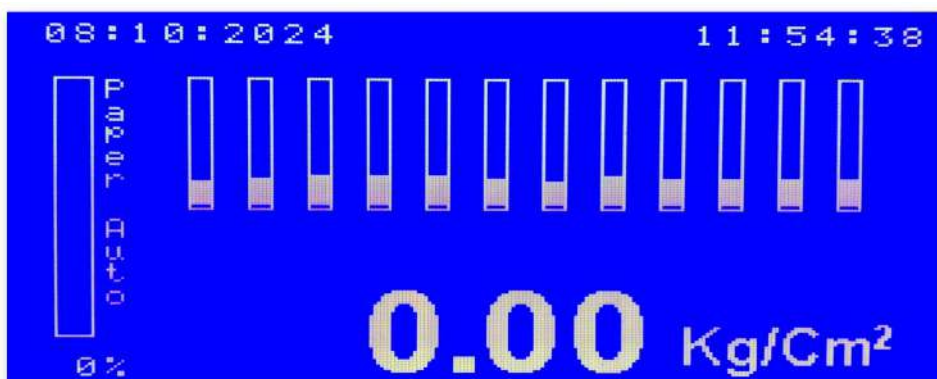
- This burst genie 4.0 provides feature to Auto calculation of average bursting factor & bursting strength for accepted range.
- It simplifies decision-making and enhances quality control.

```
** Test Results-Burst Factor**  
(1) 13.7 (5) 17.3 (9) 15.4  
(2) 15.5 (6) 15.5 (10) 15.7  
(3) 17.6 (7) 14.9 (11) 15.6  
(4) 17.6 (8) 16.4 (12) 15.7  
Avg. of Burst Factor: 14.3  
Accepted Results: 02 Out of 12
```

```
** Test Results-Burst Value **  
(1)02.06 (5)02.59 (9)02.31  
(2)02.33 (6)02.33 (10)02.35  
(3)02.64 (7)02.24 (11)02.34  
(4)02.64 (8)02.46 (12)02.36  
Average of Burst Value : 02.15  
Accepted Results: 02 Out of 12
```

BAR GRAPH

- This machine provides display of 12 Sample bar graph for batter analysis.
- Bar graphs in testing devices provide a visual representation of data, making it easier to analyze trends and compare results.
- They enhance clarity, simplify complex data, and support quick decision-making.





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MULTIPLE UNIT

Multiple testing units feature available in this model for bursting strength test-

- Kg/cm²
- PSI
- BAR
- kPa (Paper Mode)
- mPa (Board Mode)

EASY CALIBRATION

Easy calibration feature provided with instrument on Paper & board mode separately for better accuracy

MAINTENANCE

- Presto burst genie 4.0 requires easy & low maintenance.
- This machine comes with standard maintenance kit that helps customer to maintain the machine easily.
- A low and easy maintenance feature in machines reduces downtime, minimizes repair costs, and extends equipment lifespan.



Thank you customers for choosing us as your partners in growth !



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OUR OTHER PRODUCTS :-

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

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