

PAPER & PACKAGING TESTING INSTRUMENTS



Analogue



Digital



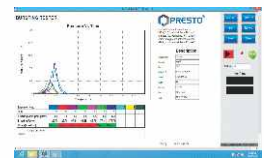
Digital Pneumatic



Digital Pneumatic
'with Printer



Digital Pneumatic
Computerised



Bursting Strength Tester



Bursting Strength Tester - Analogue

1. Pressure Gauge 7 Kg/cm²
2. Pressure Gauge 35 Kg/cm²
3. Pressure Release Valves
4. Mains Switch
5. Push to start
6. Handle
7. Diaphragm Placement
8. Powder Coated body



MODEL PBS - 203

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 required to burst or complete rupture of the board is measured through a dial gauge. The bursting strength value is expressed in terms of kgs/cm².

Useful to find bursting strength of the fabric; paper & corrugated boxes by applying hydrostatic pressure to produce rupture of the material.

- Pressure Range: 0-7kg /cm² & 35 Kg/cm².
- Power : 220V

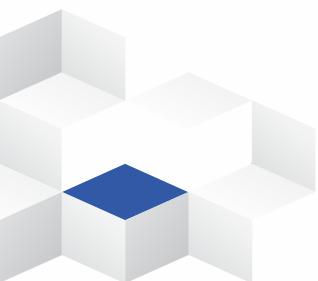
Reference Standard : IS 1060, Part-I 1987

Significance: 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. The quality CFB is graded with the value of bursting strength.

The equipment is built on a rigid metallic base plate and finished in Autumn Gray & Blue combination painting and bright chrome / zinc plating to give it a corrosion resistant finish.

- The Instrument comes complete with Instruction Manual, Two spare diaphragms, Test foil set, Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs.

Electrical Requirement : Single Phase 220 V AC
 Dimensions : L 60 cm x W 50 cm x H 50 cm
 Approximate Weight : nett 74 Kg, Gross (Packed) : 90 Kg



Bursting Strength Tester - Digital

1. Electrical Panel
2. Push to Start
3. Mains On
4. Diaphragm Placement
5. Powder coated body
6. Handle



MODEL PBD - 400

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 required to burst or complete rupture of the board is measured through a Digital Indicator. The bursting strength value is expressed in terms of kgs/cm^2 . 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. The quality CFB is graded with the value of bursting strength.

- Range : 40 Kg/cm^2
- Least Count : 0.1 Kg/cm^2

For determining the bursting strength of Woven; knitted Fabrics; non-wovens; paper; corrugated boxes & paper board etc. by application of a hydraulic Load under a rubber Diaphragm of a specific area.

Features :

- It is completely microprocessor based with original 'Intel' chip.
- TARE facility
- Peak Hold facility for keeping the maximum value in memory.
- Bright LED display
- In house Calibration facility available
- Feather touch controls
- Special feature of BS & BF indication

Reference Standard : IS 1060, Part-I 1987

The equipment is built on a rigid metallic base plate and finished in Autumn Gray & Blue combination painting and bright chrome / zinc plating to give it a corrosion resistant finish.

- The Instrument comes complete with Instruction Manual, Two spare diaphragms, Test foil set, Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs.

* Computerised model also available.

Electrical Requirement : Single Phase
 Dimensions : L 60cm x W 50cm x H 50 cm
 Approximate Weight : nett 77 Kg, Gross (Packed) : 90 Kg

Bursting Strength Digital Pneumatic



MODEL PBP - 600

1. Electrical Panel
2. Load Monitor
3. Pressure Gauge
4. Sample Hold Switch
5. Test On Switch
6. Mains On
7. Pneumatic Cylinder
8. Diaphragm placement

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 required to burst or complete rupture of the board is measured through a Digital Indicator. The bursting strength value is expressed in terms of kg/cm^2 . 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. The quality CFB is graded with the value of bursting strength.

- Range : $40\text{kg}/\text{cm}^2$
- Least Count : $0.1\text{kg}/\text{cm}^2$

The All New next generation pneumatically operated bursting from PRESTO® brings operator convenience to a new high.

The smooth pneumatic clamping ensures secure sample holding with no chances of slippage. The clamp pressure can be adjusted as per convenience. Compressed Air needed to operate the pneumatic clamp.

Reference Standard: IS 1060, Part-I 1987

The equipment is built on a rigid metallic base plate and finished in Autumn Gray & Blue combination painting and bright chrome / zinc plating to give it a corrosion resistant finish.

The Instrument comes complete with Instruction Manual, Two spare diaphragms, Test foil set, Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs.

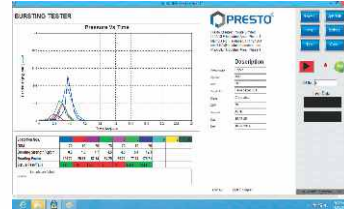
Features :

- Facility to adjust clamping pressure
- Provision for adjustment of pre-determined clamping pressure to eliminate variations in the readings due to variations when done manually
- Single push- button operation
- High Precision Digital Read- out
- Readings are displayed digitally with least count of $0.1\text{ kg}/\text{cm}^2$

* Computerised model also available.

Electrical Requirement : Single Phase
 Dimensions : L 60cm x W 50cm x H 50 cm
 Approximate Weight : nett 77 Kg, Gross (Packed) : 93 Kg

Bursting Computerised cum Digital with manual Clamping : Model PBP – 400 (C)



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 required to burst or complete rupture of the board is measured through a Digital Indicator . The quality CFB is graded with the value of bursting strength.

Range : 40 Kg/cm² Least Count : 0.1 Kg/cm²

It comes with Dual System viz.

- 1) Digital Display (Incase computer is not used/available)
- 2) Inbuilt hardware & software CD.

Features :

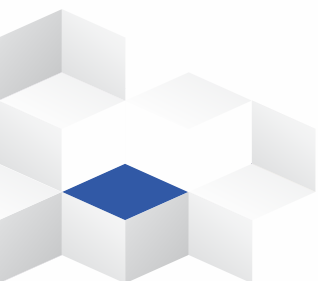
- The Graph Test Report is Pressure Vs Time .
- Report can be saved on desktop
- 10 Sample Reports can be seen on one Report
- Report can be e-mailed
- Data can be tabulated in Excel
- Your company logo & address can be placed in the Test Report
- Report has description of Product name , Operator , Batch , Shape , Standard ,Date , Time & Remarks
- Pass/Fail criteria can be programmed
- * *Computer & Printer not a part of the offer*

Reference Standard : IS 1060, Part-I 1987

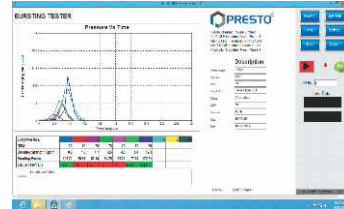
The equipment is built on a rigid metallic base plate and finished in Autumn Gray & Blue combination painting and bright chrome / zinc plating to give it a corrosion resistant finish.

The Instrument comes complete with Instruction Manual, Two spare diaphragms, Test foil set, Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs.

Electrical Requirement : Single Phase
Dimensions : L 60cm x W 50cm x H 50 cm
Approximate Weight : nett 77 Kg, Gross (Packed) : 90 Kg



Bursting Computerised cum Digital Model with Pneumatic clamping : Model PBP – 600 (C)



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 required to burst or complete rupture of the board is measured through a Digital Indicator . The quality CFB is graded with the value of bursting strength.

Range : 40 Kg/cm² Least Count : 0.1 Kg/cm²

It comes with Dual System viz.

- 1) Digital Display (In case computer is not used/available)
- 2) Inbuilt hardware & software CD.

Features :

- The Graph Test Report is Pressure Vs Time .
- Report can be saved on desktop
- 10 Sample Reports can be seen on one Report
- Report can be E-mailed
- Data can be tabulated in Excel
- Your company logo & address can be placed in the Test Report
- Report has description of Product name , Operator , Batch , Shape , Standard ,Date , Time & Remarks
- Pass/Fail criteria can be programmed

* Computer & Printer not a part of the offer

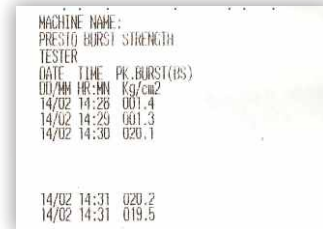
Reference Standard : IS 1060, Part-I 1987

The equipment is built on a rigid metallic base plate and finished in Autumn Gray & Blue combination painting and bright chrome / zinc plating to give it a corrosion resistant finish.

The Instrument comes complete with Instruction Manual, Two spare diaphragms, Test foil sets, Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs.

Electrical Requirement : Single Phase
 Dimensions : L 60cm x W 50cm x H 50 cm
 Approximate Weight : nett 77 Kg, Gross (Packed) : 93 Kg

Bursting Digital Pneumatic with Printer



MACHINE NAME:			
PRESTO BURST STRENGTH			
TESTER			
DATE	TIME	PK BURST(BS)	
00/00	00:00	00/00	00/00
14/02	14:28	001.4	
14/02	14:29	001.3	
14/02	14:30	020.1	
14/02	14:31	020.2	
14/02	14:31	019.5	

Test Report

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 required to burst or complete rupture of the board is measured through a Digital Indicator. The quality CFB is graded with the value of bursting strength.

Range : 40 Kg/cm² Least Count : 0.1 Kg/cm²

It comes with Dual System viz.

Features :

- Digital Display (7 segment LED display)
- Auto sample locking (with selectable pressure range).
- Print report has describe of Product name , Real date & Time, final result in Kg/cm²
- * Printer type thermal printer.

Reference Standard : IS 1060, Part-I 1987

The equipment is built on a rigid metallic base plate and finished in Autumn Gray & Blue combination painting and bright chrome / zinc plating to give it a corrosion resistant finish.

The Instrument comes complete with Instruction Manual, Two spare diaphragms, Test foil sets, Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs.

Electrical Requirement : Single Phase, 220 V. AC 50 Hz
Dimensions : L 70cm x W 50cm x H 50 cm
Approximate Weight : Nett 87 Kg, Gross (Packed) : 117 Kg

Key to our success,
Our valued customers



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Head Office : Presto Stantest Private Limited

I-42A, DLF Industrial Area Phase-I, Delhi Mathura Road, Faridabad 121003, Haryana, India
P : +91 129 4272727 E : info@prestogroup.com

Branches :

Mumbai
503 B, Fair link Centre, Opp. Fame Adlab
Behind Mongini's Off Link Road
Andheri (West), Mumbai 400058
P : +91 022 42957052, 42957053
E : west@prestogroup.com

Kolkata
93, 3rd Floor, Karnani Estate
209, A.J.C. Bose Road
Kolkata-700017. West Bengal
P : +91 033 40612012
E : east@prestogroup.com

Chennai
A-3, First Floor, Sri Sathya Sai Building
755, Poonamallee High Road, Kilpauk
Chennai- 600 010. Tamil Nadu
P : +91 044 43865260, 43838372
E : south@prestogroup.com

