



Bursting Strength Tester Digital - Pneumatic Computerised

The bursting strength tester computer is manufactured by Testronix is one of the most popular instruments in the paper and packaging industry. Corrugated box manufacturers can use bursting strength tester to calculate the bursting factor. The computerised model of the bursting strength tester helps in providing the user with computerised test reports.

There is an option to calculate the graphical test reports. The bursting strength tester computerised has an inbuilt software facility. The instrument consists of a dual synchronisation feature wherein bursting strength of both paper and corrugated box can be calculated on one head. The bursting strength tester instrument has a digital display and helps in calculation of accurate bursting strength/ bursting factor. The bursting strength tester computerised manufactured by Testronix is a highly accurate, precise and robust instrument.

The bursting factor can be calculated by the following formula : $\text{Bursting factor} = \text{bursting strength} / \text{Grammage}$

Applications:

- Paper boards
- Corrugated boards and boxes
- Industrial fabric and solid fibre boards
- Filter cloth plastic films
- Foils
- Sheets

Test Standards: ASTM D 3786-01, ASTM D 3786 – 80A, ISO 1060 PART-1 1987.

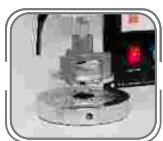
MODEL NO. TX-BST 500



Pressure Gauge



Pneumatic Cylinder



Strong Gripping Clamp



Micro Processor Based Digital Display





FEATURES

- Push Button Operation
- Microprocessor based display for accurate test results
- Peak Hold facility for keeping maximum value of test result in memory
- Memory to hold up to 9 test reading
- Highly accurate test results under multidirectional Force
- Digital screen for accurate results
- Strong Gripping clamps
- Grooved structure of Test Specimen Holder to provide firm grip
- Firm grip of specimen if the operating wheel is tightened uniformly
- Pneumatic/ Hydraulic clamping
- Available in computerised model with thermal print facility
- Available in 0 – 60 kg/cm² on request
- Pressure transducer model for accurate results

SPECIFICATION

Capacity	0 – 40 kg/cm ²
Display	Digital LED
Accuracy	± 1% within 10% to 90% of entire range as per IS:1828 with master gauge.
Least Count/Resoluon	0.1 Kg/cm ²
Power	220V, Single phase, 50 Hz
Test fluid	Glycerin about 98% purified
Rate of fluid displacement	95 cc/minute
Motor	1/4 HP Single Phase , 1440 rpm
Material	Mild steel, powder coated
Clamping	Pneumatic/ Hydraulic
Dimensions	540x600x450 mm

Available models: Bursting strength tester Analogue, Bursting strength tester, Bursting strength tester computerised model with thermal printer connectivity

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OUR OTHER PRODUCTS :-

