



## Bursting Strength Tester Pneumatic

Bursting Strength Tester Pneumatic is the most accurate instrument. The operation takes place with the help of a compressed air line/ hydraulic mechanism. The gauge of the instrument gets compressed pneumatically hence making the operation even easier. The pneumatic model provides the user with 100% accurate results. It also has an optional feature of a computer connectivity which helps in providing the user with graphical reports with pass/ fail criteria.

The gauge in the pneumatic model hence is tightened automatically. This class apart feature offered by testronix makes the instrument unique. The instrument consists of a lab grade diaphragm as per standard.

### 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.

**Available models:** Analogue model, Digital display model, Pneumatic model, computerised model with thermal printer connectivity





## 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/cm<sup>2</sup> on request
- Pressure transducer model for accurate results

## Specifications

Capacity	0 – 40 kg/cm <sup>2</sup>
Display	Digital LED
Accuracy	± 1% within 10% to 90% of entire range as per IS:1828 with master gauge.
Least Count/Resolution	0.2 Kg/cm <sup>2</sup> for Gauge I 1.0 kg/cm <sup>2</sup> for Gauge II
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	540x 600x 450 mm

