

### **Bursting strength tester Pneumatic**

Bursting Strength Tester is a very accurate instrument for the measurement of strength and performance of materials

Having a Testronix bursting strength instrument in paper and packaging industries can ensure the best quality and accuracy of products to their customers.

Testronix is one of the leading manufacturers in the paper and packaging domain as it aims to provide world class features and premium quality. It is an ISO 9001:2015 certified company.

Bursting strength tester can be used in various segments such as paper, paper boards, corrugated boards and boxes, solid fiber boards, filter cloth, industrial fabric, Leather etc. Testronix bursting strength is available in analogue and digital models

The bursting strength instrument works on the principle of hydrostatic pressure. When this pressure is applied at an increasing rate through a rubber diaphragm it ruptures the material (paper). Hence the value of the bursting strength can be calculated in kg/cm<sup>2</sup>. Bursting strength tester follows all industry standards:

- ASTM D 3786-01
- ASTM D3786-80a



#### Features:

- Specimen Clamping Pneumatic
- Robust structure with metal steel body
- Easy to operate
- Internal calibration with glycerine
- Accurate readings
- Single push button operation
- Precise Bursting factor value calculation

#### Key Specifications:

Capacity	0 – 7 kg/cm <sup>2</sup> and 0 – 35 kg/cm <sup>2</sup>
Display	digital
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
Dimensions	540x 600x 450 mm

