

Bursting Strength Tester Digital

Bursting Strength Tester digital model is a very accurate instrument for the measurement of Strength and performance of materials.

Applications:

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

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

Available models: analog model, digital display model



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

Testronix Bursting strength calculates the force required to rupture the material under testing. Bursting strength of test specimen is expressed in terms of Kg/cm². It is measured by giving hydraulic pressure through a rubber diaphragm on the test specimen.

Key Specifications:

Capacity	0 – 7 kg/cm ² and 0 – 35 kg/cm ²
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 ² for Gauge I 1.0 kg/cm ² 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

