

Bursting Strength Tester Digital

The Testronix Bursting Strength Tester digital model is a very accurate instrument for the measurement of bursting strength of corrugated boxes and paper. It has a two in one feature of calculating bursting factor of both paper and corrugated boxes under one single head. This instrument provides the user with accurate values and is very successful in terms of precision and quality.

This instrument adheres to all industry standards and has a digital LED display. It has a special feature of rapid result transmission. The diagram of this instrument is lab grade which further enhances the precision. Bursting strength of test specimen is expressed in terms of Kg/cm².

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.**



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
- Available in 0 – 60 kg/cm² on request
- Available in computerized model with thermal print facility
- Pressure transducer model for accurate results

Capacity	0 – 40 kg/cm ²
Display	digital
Accuracy	± 1% within 10% to 90% of entire range as per IS:1828 with master gauge.
Least Count/Resolution	0.1 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
Dimensions	540x 600x 450 mm

