

Bursting Strength Tester Digital



Bursting Strength Tester Digital is a consistent tool to indicate the Strength and performance of material like Rexine , leather, paper boards, paper, uneven boards and boxes, industrial fabric and solid fiber boards, filter cloth, plastic films, Foils, sheets, etc. PRESTO Bursting Strength Tester is manufactured under various Test Standards ASTM D 3786-01, ASTM D 3786 – 80A, ISO 1060 PART-1 1987.

Available in Various models like Analogue, Digital Pneumatic, Computerized cum digital model with Manual Clamping and Computerized cum digital model with pneumatic clamping.

- Single 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
- Strong Gripping clamps
- Grooved structure of Test Specimen Holder to avoid slippage and intact holding of specimen under test
- No slippage in case specimen is tightened uniformly using operating wheel
- Bright LED display
- Feather touch controls
- Calibration lock & key feature

Bursting strength is the force required to burst or 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	40 kg/cm ²
Display	LED (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 (lab grade)
Rate of fluid displacement	95 cc/minute
Motor	1/4 HP Single Phase , 1440 rpm
Test Range	1Kg / cm ² to 38 Kg / cm ²

Highlights:

Memory(to hold test value)	Up to 9 test values
Peak Hold Facility	Yes
Safety Switch	Yes
Material	Mild Steel
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Dimensions	540x 600x 450 mm

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