

Bursting Strength Tester - Analogue



Bursting Strength Tester Analogue is a consistent tool to indicate the Strength and performance of material like Rexene, leather, paper boards, paper, uneven boards and boxes, industrial fabric and solid fiber boards, filter cloth, plastic films, Foils, sheets, etc. 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 Digital Pneumatic, Computerized cum digital model with Manual Clamping and Computerized cum digital model with pneumatic clamping.

- Single Push Button Operation
 - 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
- 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	0 – 7 kg/cm ² and 0– 35 kg/cm ²
Display	Analogue
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 (lab grade)
Rate of fluid displacement	95 cc/minute
Motor	1/4 HP Single Phase , 1440 rpm
Gauge Selection	Through Needle Valve

Optional Features :

Digital, Pneumatic and computerized models also available (with or without printer facility). The Bursting strength in Kg/cm² of the test specimen is displayed on the analogue display. Thereafter bursting factor and burst index can be calculated by the user.

Standard Accessories :

- 100 ML Glycerin bottle 1no.
- Rubber Diaphragm pack of 2 nos.
- Calibrated Aluminium foil pack of 4 nos.
- Screw Driver 1 no.
- Glycerin bowl opening wrench 1 no.

Highlights :

No. of Gauge	2
Safety Switch	Yes
Material	Mild Steel
Finish	Powder coated Havel Gray & Dark Gray combination finish and bright chrome / zinc plating for corrosion resistant finish
Dimensions	540x 600x 450 mm

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