



## Digital Bursting Strength Tester Model : BST-D3



Digital Bursting Strength Tester is a reliable index of the strength and performance of materials like Rexine, leather, craft paper, paper board, uneven boards and boxes, industrial fabrics and solid fiber boards, filter cloth, plastic films, foils, sheets etc.

VERTEX Bursting Strength Testers is manufactured in compliance with various test standards ASTM D 3786-01, ASTM D 3786-80A, ISO1060 Part-1 1987,

Available in various models like Analogue (BST-S2), Digital with desktop software (BST-D3), Digital with inbuilt printer and desktop software (BST-D3-P)



## Key Features:

- Single push button operation
- Bright LCD touch screen colour display
- 5 Units of measurement Kg/cm<sup>2</sup>, bar, Psi, N/cm<sup>2</sup> & Kpa
- Microprocessor based display for accurate test results
- Peak Hold facility to keep maximum value of test result in memory
- Input GSM Value & get Bursting Strength(BS) & Burst factor(BF) directly displayed on screen, no separate calculation required.
- Highly accurate test results under multi directional force
- Strong gripping clamps
- Grooved structure of Test Specimen Holder to avoid slippage of specimen under test
- No slippage in case specimen is tightened uniformly using operating wheel
- Calibration mode for online and offline calibration
- PC Interface with software for data analysis and to save test report in excel or pdf format

## Specification:

Capacity	50 Kg/cm <sup>2</sup>
Display	Digital - Colour LCD
Accuracy	± 1% within entire range as per IS1828
Least Count / Resolution	0.1 Kg/cm <sup>2</sup>
Units of measurement	Kg/cm <sup>2</sup> , bar, Psi, N/cm <sup>2</sup> & Kpa
Clamping	Manual
Power	220 V AC, 50 Hz
Test Fluid	Glycerine purity 98% (Lab grade)
Motor	¼ HP Single Phase, 1440 RPM
Test Range	1 Kg/cm <sup>2</sup> to 50 Kg/cm <sup>2</sup>
Material	Mild Steel, Gun Metal, Brass
Peak Hold Facility	YES
Dimensions (LXWXH)	700X500X540 mm
Weight	Net. - 85Kg. & Gross – 115 Kg

## Standard Accessories:

C Spanner for diaphragm replacement	1 No.
Spare Diaphragm	3 Nos.
200 cc Glycerine bottle	1 No.
Calibration foil	2 Nos.
RS232 communication cable	1 No.
Operation manual	1 No.
Calibration Certificate	1 No.

Demo Video link

<https://www.youtube.com/watch?v=D5x-DVXyd40>