



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

BURSTING STRENGTH TESTER-DUAL HEAD FOR PAPER AND BOARD-10 & 40 KG PER CM-MANUAL PRESSURE GAUGE MODEL



Complies with following International Standards

ISO 2758, 2759, 2559, 3303, 3689, BS 3424, 3137, ASTM D3786, D774, D2738, T810, T403

Salient Features

1. Proven and reliable performance
2. Scientifically calibrated through our in-house calibration laboratory
3. Sturdy in construction
4. Correctly matched motor gives constant pumping rate, eliminating manual error.
5. **Manual clamping of sample using hand wheel clamp.**
6. Benchtop model
7. Single Push button operation
8. **Dual head for paper & board testing**
9. **Individual diaphragms for Paper & Board Test**
10. **Individual Bourdon Type Pressure Gauges for both the heads operation**
11. **Selector switch to select either Paper testing or Board testing.**
12. **Pressure gauge unit i.e. Kg/cm²**
13. **Quick, Easy, Accurate & User Friendly Operation**
14. **All replaceable parts are readily available**
15. Operates on Power supply of AC 220V, 5A, 50Hz

Supplied complete with following accessories

1. A spare rubber diaphragm

2. Standard aluminum foils - Medium Range - for calibration and cross-verification purpose.
3. Calibration certificate
4. C Spanner to open the diaphragm clamping nut
5. Test fluid bottle

Technical Specification

•Instrument Body	: Fabricated from Mild Steel Material
•No of Heads	: 02 Different heads - One for Paper testing & Another for Board Testing
•Paint	: Powder coating in attractive shades
•Body size	: 470 x 525 x 560 (D X H X W) MM
•Test Fluid	: EP 140 Gear Oil
•Capacity of Test Fluid tank	: 250 ml
•Rate of Fluid Displacement	: 170 ± 16 ml / Minute (For corrugated board and paper board)
•Rate of Fluid Displacement	: 96 ± 6 ml / Minute (For Paper material)
•Opening of upper clamp	: 31.50 mm (For corrugated board) / 30.50 mm (For paper)
•Opening of Lower clamp	: 31.50 mm (For corrugated board) / 33.10 mm (For paper)
•Electric Motor	: Reputed make induction motor to yield constant rate of pumping
•Pressure gauge	: Bourdon Type Pressure Gauges
•Selector Switch	: To changeover to paper & paper board mode
•Dial Gauge 1	: 08 KG/CM2 - For Paper burst test
•Dial Gauge 2	: 40 KG/CM2 - For Paper board burst test
•Pressure Resolution	: 0.1 Kg/cm2 & 0.5 Kg/Cm2 for paper & board test respectively
•Power Supply	: 220 Volts, 50 Hz, Single Phase, AC Supply

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