



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

BURSTING STRENGTH TESTER-DUAL HEAD FOR PAPER AND BOARD-10 AND 25 KG PER CM²-DIGITAL ECONOMY MODEL

Complies with following International Standards

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

Salient Features

- Proven and reliable performance
- Scientifically calibrated through our in-house calibration laboratory
- Sturdy in construction
- Correctly matched motor gives constant pumping rate, eliminating manual error as per ASTM, BS and ISO Standard requirements.
- **Manual clamping of sample using hand wheel clamp.**
- Dual head for paper & board testing
- Two Diaphragm Seats.
- **Physical Selector switch to select either Paper testing or Board testing.**
- Logical Detection of Sample Failure
- **Common Digital Controller for both the heads operation**
- **Digital Controller having Facility to Adjust Unit Selection viz. Kg/cm² and PSI**
- **Stores data up to last FIVE readings & Yields Average Value, Max. Value & Min. Value of the Tests.**
- Quick, Easy, Accurate & User Friendly Operation
- All replaceable parts are readily available



Salient features of HMI & PLC Controller

- Eliminates the need for holding down the push button to build up the pressure
- No need to inspect the sample visually
- It automatically reverses the motor operation and thereby release the pressure on completion of the test cycle

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

B-14, Zaveri Industrial Estate, Opp. Shyam Villa,
Singarva-Kathwada Road,
Kathwada, Ahmedabad-382 430.
Phone : (079) 6604 0660 • Fax : (079) 6604 0600
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F



- Due to automatic pressure release mechanism, the diaphragm life is improved, which otherwise is not possible in manual pressure release mechanism.
- Customer do not need to inspect and remember the breaking force all the time as it automatically gets registered within the Controller System

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	: 22" x 14" x 21" (L x W x H)
•Test Fluid	: Glycerin or SAE-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 upper 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 transducer	: Honeywell / Danfoss make
•Controller	: Common Digital Controller for fully automatic operation of both modes
•Board Range	: 25 Kg/cm²
•Paper range	: 10 Kg/cm²
•Pressure Resolution	: 0.1 Kg/cm ²

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•Unit Selection

: Yes - Kg/cm², PSI

•Power Supply

: 220 Volts, 50 Hz, Single Phase, AC Supply

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