Bursting Strength Tester

EIE-PT-101

Inevitable for packaging Industries

Capacity:
25 Kg/CM^2
50 Kg/CM^2

Touch Screen Digital LCD Display
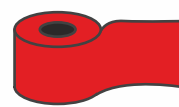
PC Connectivity with Dedicated Software

Applications

Paper Testing

Corrugated Box Testing

Fabric Testing

Packaging Material Testing

Sturdy, Elegant & Reliable
INSTRUMENTS

EIE INSTRUMENTS PVT. LTD.

Bursting Strength Tester

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Applicable standards

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

Designed with precision in Mind

✓ Proven and reliable performance

✓ Scientifically calibrated through our in-house calibration laboratory

✓ Sturdy in construction

✓ Noise-less functioning

✓ Stepper motor with automatic fluid pump to achieve fluid flow rate as per TAPPI, ASTM & ISO Standards
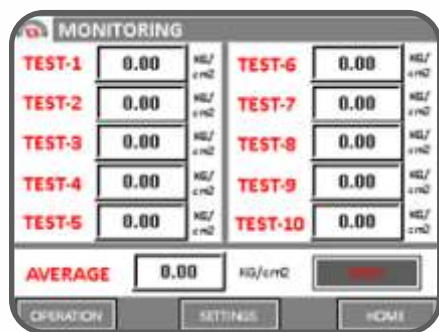
✓ Logical detection of sample failure

Available Models

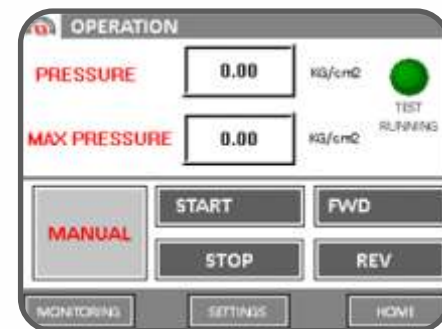| • PT-101SH25	• PT-101DH25
• PT-101SH50	• PT-101DH50

SH= Single Head   DH = Dual Head

✓ Capacity : 25kg/cm² or 50 Kg/cm2

✓ Display Resolution : 0.1 kg/cm²

✓ Unit selections : Kg/cm²,Bar and PSI

✓ Stores data up to last ten readings

✓ Gives Average Value, Max. Value & Min. Value of the performed Tests.

✓ Reset function to start the new batch testing

Benefits of Fully Automatic HMI & PLC Controller

✓ Eliminated manual human intervention

✓ Builds up pressure automatically

✓ Automatic sample breaking and automatic pressure release mechanism

✓ Eliminates human error

✓ Improves and extends diaphragm life

✓ Soft touch sensitivity of Touch screen

✓ Can be supplied with dedicated software

Technical Specifications of EIE – Bursting Strength Tester

Attributes	Specifications	
Instrument Body	Fabricated from Mild Steel Material	
Paint	Powder coating in attractive shades	
Model Type	Single head model, Double head model	
Test Fluid	Glycerin or EP 140 Gear Oil	
Capacity of Fluid tank	250 ml	
Rate of Fluid Displacement	95 ± 5 ml / Minute (For Paper), 170 ± 5 ml / Minute (For corrugated board)	
Opening of upper clamp	31.50 mm (corrugated board)	30.50 mm (paper)
Opening of lower clamp	31.50 mm (corrugated board)	33.10 mm (paper)
Electric motor	Reputed make stepper motor to yield constant rate of pumping	
Pressure transducer	Honeywell/Danfoss make	
Controller	Microprocessor based Digital Programmable controller	
Display	LCD Display with back light indication	
Maximum capacity	25 Kg/cm^2 and 50 Kg/cm^2	
Pressure Resolution	0.1 Kg/cm^2	
Unit selections	Yes – Kg/cm2, Bar, PSI	
Data storage	Up to last 10 readings and further expandable (optional)	
Power supply	220 Volts, 50 Hz, Single Phase, AC Supply	
Ambient Temperature	40^{0}C	
Ambient Humidity	40% - 80% Rh	
Automation System	**Auto-release of exerted pressure and reversal of motor**	
Standard Supply	1) Spare Diaphragm rubber	
	2) Hydraulic Fluid bottle	
	3) Standard Aluminum Foils	
	4) Test Report and Calibration Certificate	

Bursting Strength Tester

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Optional Accessories

Spare Rubber Diaphragm

Pneumatic Clamping Mechanism

Spare Standard Aluminum Foil

IQ, OQ, PQ Documents for Pharma Industries

Documents

Dot Matrix Printer

Mfg. by :

vindish instruments pvt. ltd.

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