



## BURSTING STRENGTH TESTER SUPER MODEL

### What is Bursting Strength ?

**Definition :** The maximum uniformly distributed pressure, applied at right angle to its surface that a test piece will stand under standardized conditions.

**Measuring Unit :** Kg/cm<sup>2</sup>, Lbs/in<sup>2</sup> and KPa.



Bursting strength is a widely used measure of resistance to rupture in various materials. A test specimen is held between two circular clamps and subjected to an increasing pressure from a rubber diaphragm. The rubber diaphragm is expanded by a controlled hydraulic pressure until the test specimen ruptures. The bursting strength of the specimen is the pressure reading at the time of rupture.

Recommended for : Paper, Paperboard, Corrugated board, Nonwovens, Textiles, Geotextiles, Film, Tissue, Tobacco Leaf.

\* Two models : 0-04-07SU (Paper) with capacity 0-4 & 0-7 kg/cm<sup>2</sup> and 0-07-35SU (Board) with capacity 0-7 & 0-35 kg/cm<sup>2</sup>.

\* On request 0-14, 0-21, 0-52 & 0-70 available

\* 0-04-07SU meets TAPPI T-493, ASTM D774, AS/NZ 1301, 403, ISO 2758, CPPA D.8, DIN 53141, SCAN P24

\* 0-07-35SU meets TAPPI T-807, T-810, ASTM D2529, D738, AS/NZ 1301, 438, ISO 2759, SCAN P25

- \* Fully enclosed body, panel mounted gauges and operating switches
- \* Single push button cycle.
- \* Two units of measurement (Kg/cm<sup>2</sup> & PSI)
- \* Dual gauges for greater accuracy.  
Lazy Hand (maximum pointer) for maximum burst reading.
- \* Heavy duty industrial Bourdon pressure gauges for greater durability.  
Switch from one gauge to another by a simple switch.

Depth : 431 mm (17 in.)

Height : 533 mm (21 in.)

Width : 660 mm (26 in.)

Net weight : 87 kgs

Gross Weight : 140 kgs

Electrical : 1 phase, 230 V AC, 50 Hz

C spanner, 3 spare diaphragms, 250 ml topping up fluid, 1 no. calibration foil supplied spare with the machine

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