

**Product Name :**  
Digital Bursting Strength Tester

**Product Code :**  
PAPERBOARD SUK-AS03LAB003



**Description :**

Digital Bursting Strength Tester

**Technical Specification :**

Bursting strength of any material such as fabric, leather, paper etc. is its strength under multi-directional force and is defined as the hydrostatic pressure required to produce rupture of the material when pressure is applied at a controlled increasing rate through a rubber diaphragm.

The Bursting Strength Tester is designed to find bursting strength of fabric / leather / paper / paperboard. A test specimen is held between two annular clamps under sufficient pressure to minimize slippage. The upper clamping surface has a continuous spiral groove and the lower clamping surface has a number of concentric grooves. A circular diaphragm of pure gum rubber is clamped between the lower clamping plate and a pressure cylinder so that before the diaphragm is stretched by pressure underneath it the centre of its upper surface is below the plane of the clamping surface.

Technical specification

0.1kg/cm <sup>2</sup>
Pressure Type
20kg
50Hz
Digital Type
Opening (Diameter) 10mm
Rate of Fluid Displacement
0-50kg/cm <sup>2</sup>

Opening (Diaper) Clamp
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