

# Digital Bursting Strength Tester

This tester determines the bursting strength and distension of fabrics, papers, and boards. It applies hydraulic loading under a rubber diaphragm for accurate measurement.



## Product Overview

### Precision Burst Testing

This Digital Autoburst Strength Tester provides precise hydraulic loading to determine the bursting strength and distension of woven, knitted, and non-woven fabrics, as well as paper and boards. Featuring an intelligent control algorithm and Windows-based software, it offers both manual and automatic operation modes for flexible quality control. The system ensures accurate, repeatable results and comprehensive data analysis, making it an essential tool for material testing laboratories.

## Key Performance Metrics

### Performance Metrics

**6 MPa**

Max Pressure

**70 mm**

Max Distension

**99.9 s**

Max Burst Time

## Technical Specifications

Measuring Range	1% to 100% (Max 6.000 MPa)
Diaphragm Dimensions	80mm OD, 0.9mm thickness
Rate of Increase in Volume	100-500 ml/min
Power Supply	AC220V 50Hz 2000W
Dimensions (L x W x H)	750 x 500 x 950 mm
Weight	160 kg

## Standards & Compliance

Applicable Standards	ASTM D3786, ERT 80-4-20, GB/T 7742.1, BS EN ISO 13938-1, BS 3424-6-B, ISO 3303-B, ISO 2758, ISO 3303.2, ISO 3689, JIS L1018, JIS L1093, IWS TM170
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## Configuration

### Available Clamping Areas

- 100cm (112.8mm)
- 50cm (79.8mm)
- 10cm (35.7mm)
- 7.5cm (31.5mm)
- 7.3cm (30.5mm)
- 30mm

### Basic Configuration

- Main host unit
- PC with LCD monitor, keyboard, mouse
- Testing software
- Test kit (5 sets)
- Glycerin bottle
- 2x Elastic diaphragms