

Automatic Bursting Strength Tester



Single pushbutton operation activates an automatic test cycle, rapidly determining the bursting strength of paper or board.



INTRODUCTION

Bursting strength is a widely-used measure of resistance to rupture in various materials. A test specimen is held between circular clamps and subjected to an increasing pressure from a rubber diaphragm. The 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.

APPLICATIONS

Paper, Paperboard, Nonwovens, Corrugated, Textiles, Geotextiles, Film, Tissue, Tobacco Leaf

SPECIFICATIONS

- Two models: 13-10-00 (Paper); 70-1350 kPa, and 13-11-00 (Board) 250-7000 kPa
- 13-10-00 meets TAPPI T-403, ASTM D774, AS/NZ 1301, 403, ISO 2758, CPPA D.8, DIN 53141, SCAN P24
- 13-11-00 meets TAPPI T-807, T-810, ASTM D2529, D738, AS/NZ 1301, 438, ISO 2759, SCAN P25

FEATURES

- **Automatic test cycle**
- **Operator safety assured**
- **Fast, easy-to-use electronic measuring**
- **Adjustable clamp pressure eliminates slip or creep of the sample**
- **Test statistics at the push of a button**
- **RS232 serial data output**

INSTRUMENT SIZE

Depth: 630 mm (25 in.)
Height: 395 mm (15.5 in.)
Width: 465 mm (18 in.)

WEIGHT

65 kg (143 lb)

CONNECTIONS

- **Electrical:** Specify voltage requirements when ordering
- **Air:** (instrument quality) 700 kPa

ACCESSORIES INCLUDED:

- C spanner, 2 spare diaphragms, 250 ml topping up fluid, (Glycol for 13-10-00 and Glycerol for 13-11-00)

OPTIONAL ACCESSORIES

- Universal Strip Feeder cat. no. 75-02-00-0001

ORDERING INFORMATION

Paper Catalog number 13-10-00
Board Catalog number 13-11-00

**The TMI Group
of Companies**



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