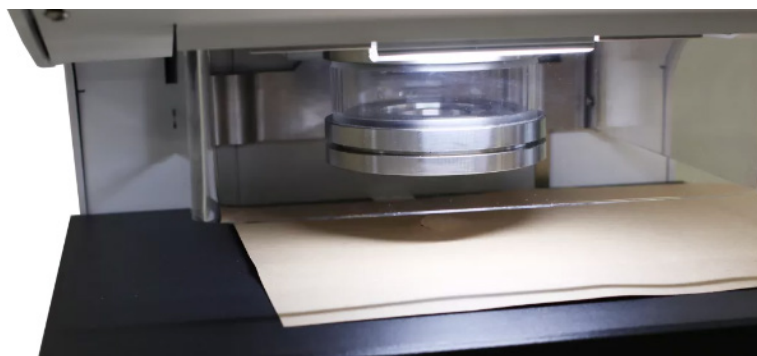# Burst Tester
RL-BT-A-P & RL-BT-B-P

The Rycolab Burst Tester is designed for measuring the bursting strength of paper, paperboard and corrugated according to the MULLEN method. Two models are available depending on your testing needs.

RL-BT-A-P for Paper and Paperboard (50 Bar)
Range: 0-5,000 kPa

RL-BT-B-P for Paperboard and Corrugated (80 bar)
Range: 0-8,000 kPa

Applicable Standards

- Paper Methods:
  ISO 2758, TAPPI T403, BS 3137, SCAN P24

- Corrugated/Paperboard Methods:
  ISO 2579, TAPPI T807, TAPPI T810, FEFCO 4, SCAN P25

▲ Interchangeable clamps and membranes available upon request.

RYCOLAB

FEATURES

- Touch screen with graphical results

- Measuring Range:
  0-5,000 kPa/0-8,000 kPa models

- Set breaking levels
  (i.e. 10% of max)

- Memory store top and bottom values

- RS232/USB port for data transfer

- Windows based software

- USB printer output

- Safety cover lowers before clamp

- Emergency stop button

- CE mark

Thwing-Albert
Instrument Company

TA012224

thwingalbert.com

This machine has a built in touchscreen and a sturdy aluminum frame. The device is equipped with 1 measuring head for bottom measurement of the bursting strength with a measuring range up to 5000 kPa and an accuracy of +/-1% of the displayed value. Clamping force for the sample holder is adjustable between 1000N and 7500N. Maximum sample height is 12 mm. Results can display burst value as BEA (Burst Energy Absorption). The tester can also run an automatic test cycle with break detection returning to start position.

The sample is placed in the measuring area. Press start on the touch screen to begin the test, the acrylic glass protection cover lowers and then the clamping bell lowers and holds the sample. Glycerin under the membrane is compressed and the membrane is pressed against the sample. When the sample breaks, the hydraulic cylinder stops and returns to starting position. The protection cover and the clamp are opened automatically. The maximum pressure is shown on the display as breaking force.

SPECIFICATIONS

- Pneumatic clamping force adjustable between 1000N and 7500N

- Electricity: 110-230V, 50-60Hz AC

- Air: 600 kPa

- Instrument Dimensions (W x D x H): 360 x 600 x 530mm (14 x 24 x 21 in)

- Shipping Dimensions (W x D x H): 840 x 600 x 790mm (33 x 24 x 32 in)