

# BURST TESTER

The bursting strength resistance is one of the most important physical characteristics in the measurement of most flexible substrates including paper, board, textiles, non-wovens, foils and plastics.

This unit is used in quality control and R&D.

The MTA-2000 is an automatic and electronic tester, controlled by a microprocessor.

It meets the most recent versions of the ISO-, DIN-, SCAN- and TAPPI-specifications.

This instrument guarantees excellent reproducibility and repeatability through the pneumatic clamping of the sample.

The standard MTA-2000 supports statistical analysis that can be viewed on the LCD or be directly transferred to a printer or PC through the RS-232 interface.

The MTA-2000P is used for testing papers, the MTA-2000C for testing paper and cardboard, the MTA-2000T for testing textile.



Model MTA-2000P

## Features

- Easy operation through built-in software, alphanumeric backlit display and membrane keyboard
- Software features :
  - complete automated testing procedure
  - selectable units (kPa, kgf/cm<sup>2</sup>, lbf/in<sup>2</sup>)
  - statistical analysis : average, max. and min., standard deviation, variation etc.
  - calculation burst strength resistance and the bursting index
  - electronic safety device for the membrane
- Pneumatic clamping of the sample
- Equipment is delivered with all necessary tools for diaphragm exchange and a quick release connector for calibration purpose
- Data can be visualised directly on the LCD display, transferred directly to a local printer, through the parallel port and to a host PC

*Cardboard, Non-wovens, Paper, Plastics, Textile*

## Physical specifications

### Dimensions

22 x 52 x 47 cm (WxDxH)

### Net Weight

60 kg

## Options

- Plexiglass safeguard with integrated safety switch for small samples
- Set of extra spare diaphragm

## Standards

**ISO 2758, 2759, TAPPI T-403, T-807, SCAN P24, P25, DIN 53141**

## Performance data

### Max. capacity

<b>2000P</b>	<b>2000C</b>	<b>2000T</b>
2000 kPa	6000 kPa	6000 kPa

### Measuring range

<b>2000P</b>	<b>2000C</b>	<b>2000T</b>
70 - 1100 kPa	350 - 5500 kPa	350 - 5500 kPa

### Diaphragm diameter

<b>2000P</b>	<b>2000C</b>	<b>2000T</b>
33.1 mm	31.5 mm	30.5 mm

### Pump flow rate

<b>2000P</b>	<b>2000C</b>	<b>2000T</b>
95 ml/min	170 ml/min	170 ml/min

### Resolution

1 kPa, 0.001 kgf/cm<sup>2</sup>, 0.1 lbf/in<sup>2</sup>

### Precision of pressure gauge

0.2 %

### Power supply

220 V, 50/60 Hz, single phase

### Power consumption

200 W

### Air supply

6 bar, compressed air clean, dry lubricated

### Sensitivity setting

40 - 100 %

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