

# TEARING RESISTANCE TESTER

(ELMENDORF TYPE)

CATALOGUE NO.: GEC-P40105-B

**Tearing Resistance Tester** measures the Tear Force required to tear samples of paper, board, plastic films and other similar materials.

The equipment is designed to directly read gF (Tear Force) per one piece. The Tear Force thus obtained can be converted into Tear Energy, Tear Index or Tear Factor by applying appropriate formulae.

It has pneumatic clamping of the test pieces. Automatic calculations are done through Microprocessor and presentation of measured value to ensure accurate and stable test results.

## APPLICABLE STANDARDS :

**TAPPI T-414 om-88, IS 4006 (part II) 1972,  
AS/NZ 1301.400s, DIN 53128, SCAN P11,  
BS EN 21974CPPA D9**



## Salient Features:

- Pneumatic Clamping & Automatic Pre-cutting.
- Automatic return of Pendulum to start position.
- Various statistic functions.
- Accuracy  $\pm 0.2\%$  of Pendulums capacity.
- Results in % of Pendulums capacity or in mN.
- Easy to use with an easy-to-read and display.
- Pneumatic clamping and pendulum release contribute in making results stable and accurate regardless of operator.
- Easy to calibrate using check weights.
- Calculations, calibrations, internal tests, zero setting, pendulum release and presentation of results are all handled by the built-in **Microprocessor**.
- Easily interchangeable pendulums.

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