



PAP-TECH ENGINEERS & ASSOCIATES

Digital TEAR RESISTANCE TESTER MODEL : PAP-2064-B (Elmendorf Type Interchangeable Pendulum)

The equipment is designed for measuring the resistance against tearing of paper, board, plastic films and other similar materials. The test is performed according to Elmendorf Principle and several international standards apply to it.

Salient Features :

- The instrument is easy to use, with an easy-to-read display.
- Pendulum release contributes in making results stable and accurate, regardless of operator.
- Calculations, calibrations, internal tests, zero setting, pendulum release and presentation of results are all handled by the built-in Microprocessor.
- Easily interchangeable pendulums. One pendulum A (light), B (Medium) or C (Heavy) according to table is included as per order. Each pendulum is delivered with one check weights.
- Easy to calibrate using the dead weights (included in delivery).
- With computer and printer
- The results are presented as the individual tearing resistance, mean value, standard deviation or co-efficient, variation, Tearing index and Tear factor on an alpha-numeric display.
- Sample test pieces are provided by a special tearing sample cutter.



APPLICATION STANDARD :

TAPPI T-414, APPITA P-400, SCAN P-11, ASTM D 689,D 751,D 1424

TECHNICAL - SPECIFICATION

Measuring Units: mN/gram force.
Accuracy: Deviation $\leq \pm 1\%$ of reading but not better than 0.25% of Nominal Measuring Range.
Power consumption: 50 W.
Power supply: Single Phase 220 V, 50 Hz.
Max. Tearing Capacity: See table below.

Pendulum	Pendulum A	Medium B	Heavy C	Test Pieces torn
Max tearing capacity MN (gram)	8000 mN (800 gf)	16000 mN (1600 gf)	32000 mN (3200 gf)	1