

AU - 1008 A Tearing Resistance Tester



This instrument is used for measuring the resistance against tearing of **paper, board, plastic films** and other similar materials. An initial cut is made in a set of test piece, which are then torn through a given distance.

The work done in the test piece is measured as the loss in potential energy of a **pendulum** which is free to swing on its horizontal axis provided with single **pendulum**. A calibrated scale indicates the mean tearing force.

Extra Optional:
Interchangeable pendulum for different range.

1. **0-2000, (Extra Light)**
2. **0-8000, (Light, A)**
3. **0-16000 mN. (Medium, B)**
4. **0-32000 mN. (Heavy, C)**
5. **Tearing sample cutter.**
6. **Set of calibration weights**

SPECIFICATIONS

Easy to operate and has high accuracy level $\pm 1\%$ of readout value and reliability

Adjustable base levelling screw.

Incision knife of hardened and ground spring steel.

Precision clamps with controlled jaws, made of stainless steel.

Extra light low friction. Pointer with friction lining of textile material.

The complete pendulum is interchangeable.

Scale calibrated in mN/gramforce

SPECIMEN

Height	: 62 mm \pm 0.2 mm.
Length	: 50 \pm 2.0 mm

Interchangeable Pendulums having the following capacities:

Calibration Check Weights

Manual Tearing Sample cutter

For preparation of tearing test specimen

APPLICABLE STANDARDS:

TAPPI T-414 , APPITA P-400, SCAN P-11, ASTM D 689, D 751, D 1424, IS:1060 (Part-I),

Extra Light	Light Pend.	Medium Pend.	Heavy C
A/4	A Type	B Type	C Type
2000 mN	8000 mN	16000 mN 1600 (gf)	32000 mN
Shipping Data	Ordering Data		
Net Weight	Model No		
Gross weight	Voltage		

Changes:

UEC products undergo continuous development. The technical data in this catalogue are therefore