



TEAR RESISTANCE TESTER



Product Code: UTRT

Marketed by:



**SAURASHTRA
SYSTOPACK PVT. LTD.**

Serviced by:



**SAURASHTRA MARKETING
CORPORATION**



Manufactured by: **UBIQUE, Pune**

TEAR RESISTANCE TESTER

(Elmendorf type)

The equipment 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.

The machine incorporates:

- Incision Knife of hardened and ground alloy steel.
- Precision Clamps with controlled jaws, made of aluminium.
- Extra light, low friction pointer with friction lining of textile material.
- Supplied with template to cut 63 mm x 63 mm specimen.

The dial of the instrument has three scales marked on it:

A scale : 0-100 gF (when using 16 pieces)

B scale : 0-200 gF (when using 8 pieces)

C scale : 0-400 gF (when using 4 pieces)

Depending on the number of pieces used for tearing, readings on the appropriate scale should be taken.

Higher capacity equipment also available.
Quotation on request.

Suitable for Testing as per following Standards

TAPPI:	T 414 om-98
IS:	1974-1990
FCBM:	6:91

Technical Specifications

Specimen size in mm	63 x 63
Machine dimensions in mm (L x W x H)	500 x 220 x 600
Machine weight in kg	25

Other Testing Equipments available:

- Bursting Strength Tester • Crush Tester • Box Compression Strength Tester • Substance Indicator • Cobb Tester
- Caliper Thickness Gauge • Vibration Tester • Universal Testing Machine • Drop Tester • Tensile Strength Tester
- Drop Tester • Specimen Maker (Fluter) for CMT • Sample Cutter • Moisture Tester

Since we are continuously improving and upgrading the equipment, the design and specifications of all models featured here are subject to change without notice.

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