

**Product Name :**  
Tearing Tester Machines

**Product Code :**  
NLAB-TESTINGLABM79001



**Description :**

Tearing Tester Machines

**Technical Specification :**

Tear testing determines the force required to continue the tearing of an initial cut in sheet materials. This is also used to evaluate strength of perforated materials such as postal reply cards.

The Monitor/Tear&trade; is an automated tear tester equipped with an optical encoder, measuring the angular position of the pendulum during the tearing operation, and converting this measurement to tear units.

**FEATURES**

Digital display -Storage and editing of up to 500 readings -Easily interchangeable pendulums ranging from 200g to 6400g -Auto calibration of pendulum -RS-232 -Selectable units (percentage, millinewtons, grams) -Settable limits, Statistics, Average, Standard deviation, high/low results -Grips and pendulum releases are pneumatic -Clamp pressure in psi and kg/cm<sup>2</sup> -Calculates and displays average tearing force for single ply values in millinewtons or gram force -Report printout with optional printer

**SPECIFICATIONS**

(instrument quality) Weight: 10.4 kg (23 lbs) Dimensions W x D x H: 12 in x 12 in x 20 in (305 mm x 305 mm x 508 mm)

## Naugralabequipments

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