

Stiffness Tester

Stiffness Tester is a consistent tool useful to measure stiffness or flexural rigidity of paper and paper board. Stiffness Tester is used to determine the resistance of paper and paper board to bending. The economic value of paperboard highly depends upon its bending resistance or stiffness.

This is a Taber Type Instrument. The specimen is moved in left and right direction as per Taber guideline. Stiffness Tester is designed as per standards **TAPPI –T489 OM-08**.

Stiffnesstester is a two directional pendulum type system. Force is applied to the lower end of the specimen by a pair of rollers attached to the driving disc. The resulting torque tilts the pendulum from its vertical position and the reading is shown by the pendulum.



Features:

- High Quality rugged structure with corrosion resistant main body
- Taber Unit scale to measure the Stiffness
- Light weight and resilient
- Pendulum system for frictionless movement
- Fast Guiding Mechanism with pendulum system
- Single handed hassle free operation
- Highly accurate test results
- Ratchet and Fat clamping fixtures for test Specimen
- Friction of Pandulam - High procession Bearing
- Clamps - 2 (Ratchet type and Flat type)
- Legs - Telescopic legs
- Material of Main Body - Mild Steel / Aluminum
- Finish - Combination finish & Bright Chrome-plating

Specifications:

- Weights for Pendulum-500, 1000, 2000, 3000, 5000 SU
- Weight of Stud - 10 ± 0.001 gm
- Sample Size - 70 ± 1 mm x 38.1 ± 0.3 mm
- Unit Scale range - 0 -100
- Angle - 7.5° , 15°
- Motor - 2 RPM
- Power - 220V, 50Hz, Single Phase
- Dimensions - 300x320x440mm

