

**Product Name :**  
Peel Off Strength Tester

**Product Code :**  
FOAM SUK-AS03LAB001



**Description :**

Peel Off Strength Tester

**Technical Specification :**

The Peel Off Strength Tester for self-adhesive foam sheets is designed to find the force needed to peel off the sheet from the surface it is pasted on. It consists of a smooth horizontal glass plate for pasting the test specimen on and an arrangement to measure the force needed to separate the test specimen from the glass plate it is pasted on.

The glass plate is firmly held on the base of the tester. The test specimen is pasted over it by pressing it down with the help of a standard rubber-lined roller. The test specimen is bent into a U shape to apply peeling force at an angle of  $180^\circ$  to its length.

One edge of the test specimen is held in a flat grip. The grip is pulled at a constant speed with the help of a screw mechanism driven by a synchroset electric motor. It is also connected to a load cell for measurement of peel off force acting on it. A digital display with peak force indicating arrangement enables measurement of both the instantaneous force and maximum force exerted during the peeling off operation. Micro switches are provided to automatically stop the motor at the extreme ends of the travel of the grip

Technical specification

Dimensions of Mounting Platform
Material
Voltage
Frequency
Weight of Sled
Speed of Movement Sled

Range of Force Measurement

Sensor on Sled Base



**Astra Scientific**

www.astrascientific.com, Email: info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 Phone: +91-8860605265