

**Product Name :**  
Inclined Plane Flammability Tester Machines

**Product Code :**  
NLAB-TESTINGLABM81001



**Description :**

Inclined Plane Flammability Tester Machines

**Technical Specification :**

Flammability Tester of textile materials may be determined by various methods. One of the methods used for determination of flammability of textile materials is the inclined plane flammability test.

In this method, a test specimen taken from the sample under test is held in a sheet metal holder at an inclination of 45°. A flame from a standard jet is made to impinge on the upper face of the textile material near its bottom edge and the time taken for it to propagate through a distance of 127 mm determined to evaluate the flammability of textile material sample under test.

The Inclined Plane Flammability Tester for textile materials consists of a specimen rack for mounting the test specimen holder, a specimen holder in which the test specimens are held for conducting the test, arrangement to enable a standardized flame to impinge on the test specimen, and a timer to record the time taken by the flame to propagate through a distance of 127 mm. The various components are mounted inside a draught proof stainless steel sheet enclosure.

The specimen rack provides support for the holders in which the specimens are mounted. Its angle of inclination is 45°. The rack can be moved sideways to enable textile materials of different thickness to be set at the specified distance from the tip of the jet with the help of an adjusting screw. A built-in finger is provided to gauge this distance for setting it to the desired value.

## Naugralabequipments

**Website:** [www.naugralabequipments.com](http://www.naugralabequipments.com), **Email:** [sales@naugralabequipments.com](mailto:sales@naugralabequipments.com)

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003