



## Cone Drop Test

### GEOTEXTILE TESTING EQUIPMENT

## Cone Drop Test

Geotextiles belong to the general class of synthetic material called Geosynthetics and are commonly used in various civil engineering applications such as roads, dams, embankments, erosion control, slope stabilisation etc. Geosynthetics besides including geotextiles encompass other synthetic materials like geogrids, geomembrane, and geo composites. These may be woven, non woven or composite. The products manufactured by us are based on available Indian or International standards and may be modified to suit individual requirements.



UMI-615

This test is developed by NRRL and widely used for the evaluation of geotextiles against puncture resistance. In this test a heavy cone is dropped from a fixed height and puncture made by the cone is measured.

Basic Equipment shall consist of the following:

1. Frame with clamps and Cone Drop Mechanism
2. Cone 60 degree and 1 kg weight
3. Puncture Measuring Cone of aluminum