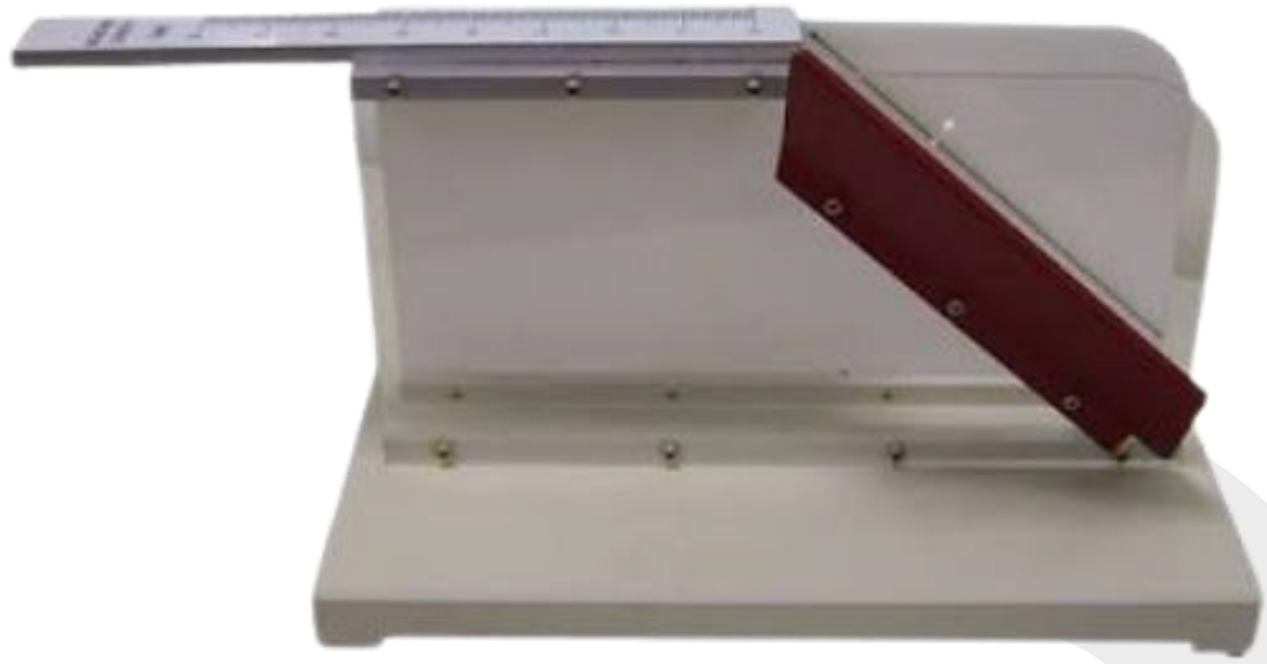
Stiffness Tester



Usage	Technical **Specification**
A stiffness tester is a laboratory instrument used to measure the resistance of a material to bending, helping evaluate properties like flexural rigidity and elasticity. They are widely used across various industries for quality control and material	A widely used method for determination of stiffness of fabric is cantilever test method. In this test, the fabric specimen is allowed to bend under its own weight as the length, of the overhanging portion of the specimen, is gradually increased. The free length which bends under its own weight sufficiently to make its leading edge intersect a plane of 41.5-degree inclination, is taken as the measure of stiffness of the fabric. Angle of inclination of intersecting plane to horizontal: 41.5 degree Load on test specimen: 270 + 5 Gm/Cm Length Balancing length scale: 0 – 16 CMS.