



MILESTONE INSTRUMENTS

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MI.GE-1021 Fabric Stiffness Tester of geotextile

Fabric Stiffness Tester is used to measure the fabric stiffness, in addition to determine the bending height, Flexural rigidity and bending molds. The principle of cantilever bending of the specimen under its own mass. Ideal for testing non-woven and most fabrics, this tester conforms to existing test standards. May also be used to evaluate films, paper, leather and other flexible materials.

The specimen is moved across a smooth low-friction platform at a constant rate with motorized lead screw system. As the leading edge of the specimen projects from the platform, it bends under its own mass. The length of the overhang is measured when the specimen's leading edge contacts the indicator. From this measured length, the bending length and Flexural rigidity are calculated.

Technical specifications:

Size of the Platen	225×35 mm
Angle of Bevel	0-90 degree in interval of 5 degree with marking of 41.5 and 45 Degree
Sample Size	25×250 mm
Sample Press Plate Speed	120 mm/min
Voltage	220 volts 50 HZ
Related Standards	ASTM-D 1388, BS EN 22313, ISO 9073-7,