

KRK KUMAGAI RIKI KOGYO

Bending Stiffness Tester

Model No. 2048-BF

Bending resistance is a measure of the stiffness. Like the Taber stiffness tester, this tester measures the force necessary for bending the specimen to the specified angle. With the Taber tester, flexural loads are given by a pendulum held vertically to determine the bending moment. With the bending stiffness tester, one end of the specimen is held horizontally to form a cantilever beam. A knife edge directly connected with a load cell is made to contact the other end of the specimen. The specimen is made to rotate at a constant speed. When the specimen is bent to the specified angle, the load is detected by the load cell to be displayed.



Measurement Range	0 to 5,000mN (equivalent to about 25,000mN of Taber stiffness)
Specimen Size	38mm wide, up to 4mm thick
Span	50mm
Bending Angle	5°, 7.5°, 15°, 20°, 25°, 30°, selectable by the selection switch, typically 15°
Bending Speed	chuck rotation speed 5°/sec.
Automatic Resetting	The chuck automatically returns to the initial position after bending of the specimen to the specified angle
Referential Standards	ISO 2493 SCAN P-29, TAPPI T556pm-95
Power Source	100/110VAC 50/60Hz 1A
Outer Dimensions	360×400×270mm
Instrument Weight	17kg

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