

KRK KUMAGAI RIKI KOGYO

Taber Stiffness Tester (Automatic Type)

Model No. 2048-D

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.



Specimen	30 to 40mm wide (typically 38mm), 70mm long, up to 3.2mm thick
Measurement Range	0 to 10 (g · c) 0 to 100 (g · cm) (standard) 0 to 500 (g · cm) 0 to 1,000 (g · cm) 0 to 2,000 (g · cm)
Bending Speed	180°±40°/min.
Stiffness Data	left, right, average
Switching Display	SI unit (N) and gram unit (g) selectable
Referential Standards	JIS P-8125-2000, TAPPI T489os-99, ISO 2493
Power Source	100/110VAC 50/60Hz 1A
Outer Dimentions	300×320×440mm
Instrument Weight	13kg

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