

**Gurley Stiffness Tester
(Motorized Type)**

Model No. 2049-M

This machine measures the flexibility of papers, films and fabrics. Construction: one end of the specimen is put in the clamp of the movable arm, and the other end is made to contact the measurement pendulum. The movable arm is rotated to left and right at a constant speed. The specimen deflects, inclining the pendulum. As the load increases, the specimen deflects increasingly, and finally it detaches from the contact point, when the deflection, that is, inclination angle of the pendulum, is read on the lower scale. A wide range of measurement is available by changing the clamp position and the weight and the weight position, depending upon specimen stiffness.

Weights	5, 25, 50, 200g
Weight Position	1", 2", 4" (from the pendulum axis center)
Specimen Length	1", 1 1/2", 2 1/2", 3 1/2", 4 1/2"
Specimen Width	1/2", 1", 2"
Rotation Speed	2rpm
Referential Standards	JIS L-1085, 1096, TAPPI T-543 pm-94
Power Source	100/110VAC 50/60Hz 0.5A
Outer Dimensions	270×240×460mm
Instrument weight	7.2kg



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