

GD1037 3 Point Bend Fixture per ASTM D1037

Tests in accordance with ASTM D1037

Model	GD1037
Fixture Span	5.5" to 38"
Radius	2.25" (4.5" Diameter)

GD1037 3 Point Bend Fixture is made to test in strict accordance with ASTM standard D1037. This fixture has a customizable span ranging from 5.5 inches to 38 inches to accommodate a wide range of sample sizes. The fixture comes with a 15.9mm (5/8") female cup adapter adorning a hole for an 8mm diameter cross pin.

The ASTM D1037 static bend test requires a rounded loading block, having a radius approximately 1.5 times the specimen thickness. Bending loads are applied to the wood beam specimens at a constant cross head displacement rate, calculated to ensure a constant strain rate of the outer wood fibers at 0.005/min. This test setup can be paired with a TestResources deflection gauge for precise data.



GD1037 3 Point Bend Test Fixture set up with 100P Family Universal Test Machine and E3540 Deflectometer