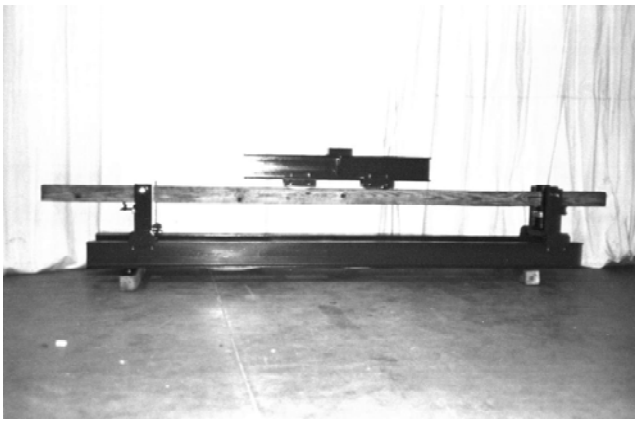
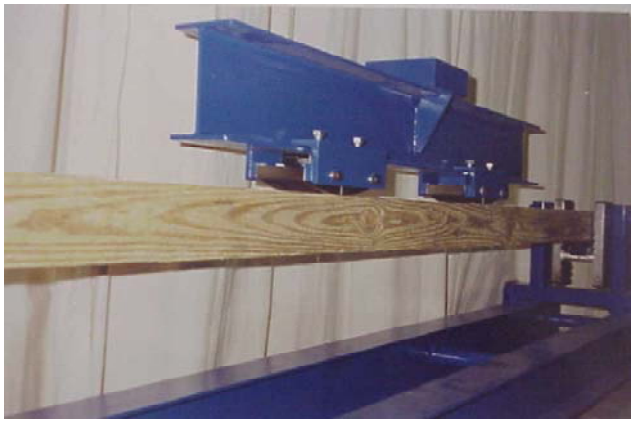
MTT

MODEL NO. ASTM.D0198.12
WOOD, FLEXURE

FOUR POINT FLEXURE FOR WOODEN BEAMS





Specimen	Width	Any size up to 4.0”
	Thickness	Any size up to 8.0”
	Length	Any size up to 120”
Fixture	Construction	High strength steel, steel with painted surfaces
	Temperature	-120 to 250°F (-85 to 122°C)
	Mounting	1.5”-12 threaded coupling and platen
	Capacity	20,000 lbs (90kN)
	Weight	450 lbs approximately
	Dimensions	Assembled - 130” x 10” x 24”
	Standard	Manufactured in accordance with ASTM D198

Model No. ASTM.D0198.12
Adjustable 10 Foot Span Four Point Loading Wood Beam Flexure Fixture - Infinitely adjustable lower supports from 18” to 120”. Wooden beam widths up to 4” wide. Infinitely adjustable four point loading head from 9” to 48” with radius aluminum loading points. The fixture will be supplied with a 1"-14 class 2B threaded coupling for mounting the upper four point loading head. The lower portion of the fixture will be supplied with a 1"-14 class 2B threaded coupling for mounting or as needed for your test machine.

Material Testing Technology
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ACCESSORIES

ACC.D0198.1201- 4” Optional LVDT for displacement gauge
ACC.D0198.1202- 4 foot span displacement gauge assembly
ACC.D0198.1203- Aluminum “U” shape construction with 0 to 4.000 dial depth gauge
Upper fixture attachment is supplied with 1.5” -12 female coupling. (Common adapter sizes include:)
Model No. M03S48 - 1.25” Male Clevis (Type D) to 1” -14 Threaded Stud
Model No. S48S36 - 1.5” -12 to 1” -14 Threaded Step Stud
Model No. S60S48 - 2” -12 to 1.5” -12Threaded Step Stud
Model No. LN48 - Threaded Locking Nut with Knurled OD

SPARE PARTS

REFERENCE DOCUMENT AND TEST METHOD SCOPE:

ASTM D198-14
Standard Test Methods of Static Tests of Lumber in Structural Sizes

1.1 These test methods cover the evaluation of lumber and wood-based materials in structural sizes by various testing procedures.
1.2 The test methods appear in the following order

Sections
Flexure 4 – 11
Compression (Short Column) 13 – 20
Compression (Long Member) 21 – 28
Tension 29 – 36
Torsion 37 – 44
Shear Modulus 45 – 52

1.3 Notations and symbols relating to the various testing procedures are given in Appendix X1.
1.4 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.
1.5 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.