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Product Name :
Combined Shear Force And Bending Moment Apparatus

Product Code :
ENGLABINGCAG8800012



Description :

Combined Shear Force And Bending Moment Apparatus

Technical Specification :

To be part of a range of experiments designed to both demonstrate and experimentally confirm basic engineering principles
To observe the action of shear force and bending moment at a section in a beam and to compare the measured and theoretical values
To comprehend the action of shear and moment of resistance in a beam
To consist of 2 simple supports; a rigid aluminium alloy beam cut into two unequal lengths, with a frictionless hinge at the joint which permits minimal vertical movement, whilst allowing bending
Analogue spring balance measures direct force at the cut section
Moment lever arm mechanism allows bending moment to be calculated
Multiple load positions achievable
To be bench top mounted
Set of slotted weights included



Engineering Lab Equipment India

