

Product Name :
Combined Shear Force and Bending Moment apparatus

Product Code :
ALABS-A179-018

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Description :

Combined Shear Force and Bending Moment apparatus

- 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



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