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Product Name :
Unsymmetrical Cantilever Apparatus

Product Code :
LBNY-0005-17600017



Description :

Unsymmetrical Cantilever Apparatus Angular adjustment can be made easily and the angular position can be read off using the integral angular scale and pointer. The free end of the cantilever has point loads applied using the load hanger and calibrated weights. Unsymmetrical Cantilever Apparatus allows the vertical and horizontal deflections of the free end of a test specimen to be measured when loading occurs along a principle axis or at a known angle. Unsymmetrical Cantilever Apparatus holds the indicators relative to the rigid end of the cantilever to ensure accurate deflection measurement. A solid base holds a rigid vertical end support for the clamping of the test cantilevers. Test cantilevers and rectangular cross section are supplied. The free end movement is measured using deflection indicators. Shear centre work can also be undertaken.

Experimental Capabilities:

Vertical and horizontal deflection of unsymmetrical cantilevers
Shear centre location
Comparison between actual and theoretical results
Moment of area
Mohrs circle

Technical Specification :

Unsymmetrical Cantilever Apparatus allows the vertical and horizontal deflections of the free end of a test specimen to be measured when loading occurs along a principle axis or at a known angle.



Laboratory Instrument India