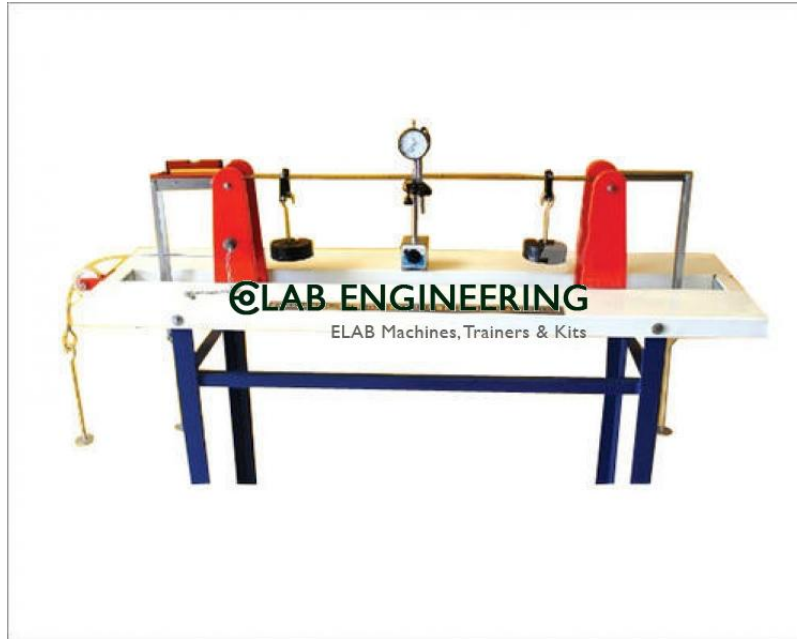


Product Name :
Elastic Properties of Deflected Beam Apparatus

Product Code :
Engineering0002



Description :

Elastic Properties of Deflected Beam Apparatus

Technical Specification :

Verification of moment Area theorem for slopes and deflection of the beam. Apparatus consists of a mild steel beam 2.5cm x 3 mm in cross section and 100cm long, pinned to two supports 70cm apart situated symmetrically. One of the ends can be fixed of given a known slope by applying a known moment of the end with the help of suspended loads. At the other end also a known moment can be applied. Vertical loads can be applied at various points along the span of the beam. A dial gauge with 25 mm travel (with a magnetic base) is supplied with the apparatus . Apparatus is supplied complete with a supporting stand and a set of weights.