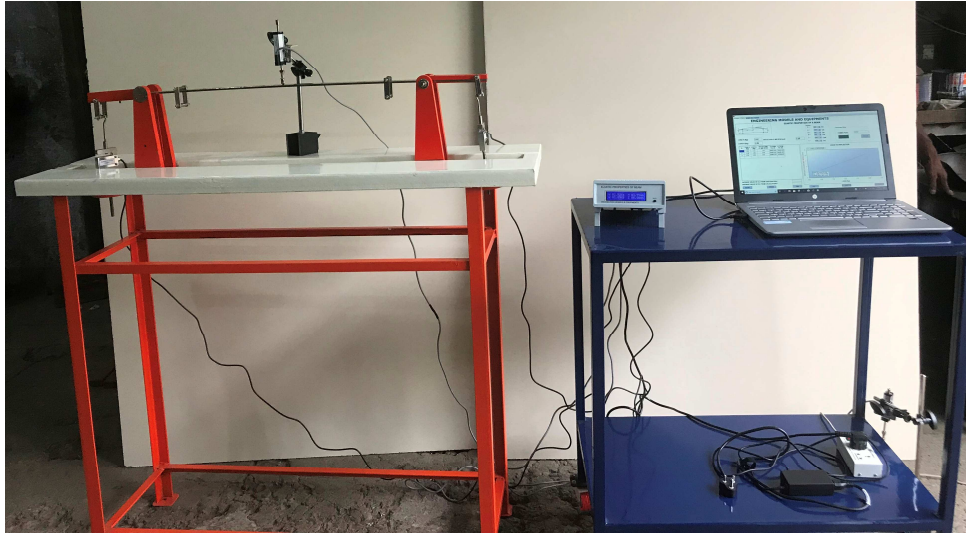


MODEL NO.  
SA-07

ENGINEERING

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## ELASTIC PROPERTIES OF DEFLECTED BEAM APPARATUS (DIGITAL)

### Description:

Apparatus consists of a mild steel beam 2.5cm x 3mm in cross section and 100cm long, pinned to two supports 70cm apart situated symmetrically. One of the ends can be fixed or given a known slope by applying a known moment at 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. Apparatus is supplied complete with a supporting stand .

Two LVDT with 25mm travel (with a magnetic base) and two load cell of 10 Kg. capacities with a digital Indicator is supplied with the apparatus. Digital Indicator is capable to transfer the data through USB to the computer. Educational software also supplied with the set up to make calculation and complete results/data.

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