

APPARATUS FOR VERIFICATION OF CLERK'S MAXWELL RECIPROCAL THEOREM

MODEL NO SL -1101, MAKE - LABTEK, ORIGIN - INDIA



Verification of reciprocal theorem of deflection using a simply supported beam.

Apparatus consists of a beam 100cm long and 1.25 cm x 4 mm in cross section with graduations at every 10cm along the length. It is supported on two knife edge supports 70cm apart with a 30cm overhang on one side. Reciprocal theorem can be verified by direct measurements of the deflections at various points with the help of a dial gauge due to a load placed at the reciprocal points. A dial gauge with 25mm travel (with a magnetic base) is supplied with the apparatus. Apparatus is supplied complete with a supporting stand and a set of weights.