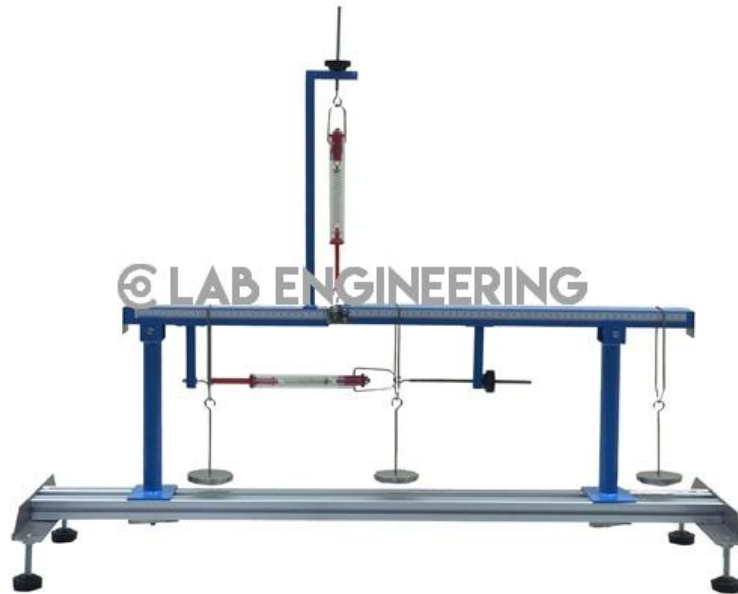


Product Name :
Bending Moment Apparatus**Product Code :**
ELAB-APL0001**Description :**

Bending Moment Apparatus

Technical Specification :

The long and short sections of the teak wood beam are connected by hinge.
A spring balance with adjusting screw mounted at a fixed distance enables one to calculate the bending moment for any load position.
Another special attachment with an adjustable screw is also provided.
This along with a spring balance and its adjustable screw is used for determining the shear force at the hinge section.

SPECIFICATIONS:

Beam – 1 mtr. span with supports.
Bending moment measurement arrangement .
Shear force measurement arrangement.
Spirit level to restore the loaded beam to original position.
Weight set with loading hangers.
The technical manual accompanies the unit.

RANGE OF EXPERIMENTS:

Determination of shear force for different loading conditions.
Determination of bending moment for different loading conditions.
Influence line diagram for bending moment & shear force.



Elab Engineering Equipments Manufacturers