

Product Name :
Shearing Force Bending Moment Apparatus**Product Code :**
ELABHTOOLSUK450005 LAB ENGINEERING**Description :**

Shearing Force Bending Moment Apparatus

Technical Specification :

The beam used in this experiment has been split into two sections and then re-joined to allow the shear force and bending moment to be measured at the point the beam has been split.

The connection of the two sections of beam allow it to be adjusted so that the sections are parallel and level, using the supplied level, while allowing the beam to be deflect under load.

The split beam rests on two simple supports, one at each end. Each beam section rests on a roller that is free to rotate allowing the beam to move as it deflects.

The simple supports are fixed laterally through slots in two universal frame mounts allowing the position of the simple support to be adjusted.

Table unit for demonstrating shearing forces and bending moments on bending bars

Joint positioned at 1/3 span

Bending moment measuring range 0...140Nm

Shearing force measuring range 0...50N

Set of weights.

