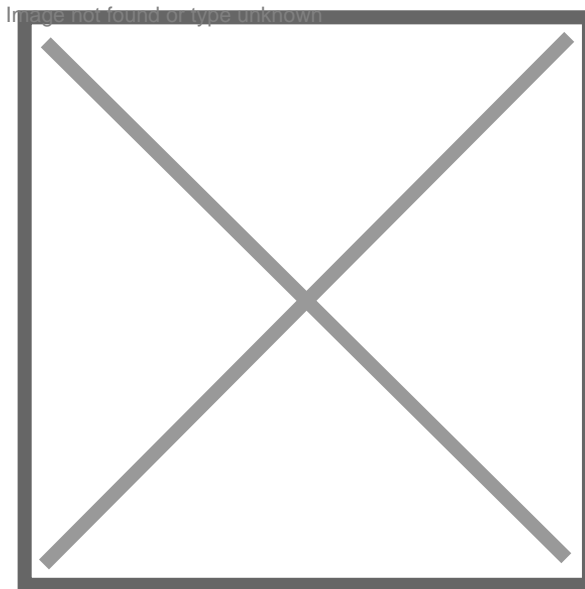


**Product Name :**

Unsymmetrical Cantilever

**Product Code :**

SLE/ETP/15

**Description :**

- The Unsymmetrical Cantilever Apparatus allows students to load a cantilever and accurately measure its deflection in any coplanar direction.
- Students mount a test beam vertically in a frame.
- The top of the test beam fixes to a holding ring that can rotate through 360 degrees.
- Students apply loads to the beam in set increments and record its displacement.
- This allows students to use the Mohr's circle method to find the principal second moments of area of each section.
- To find the shear centre of a test beam, students attach a cross-piece to the free end.
- Students can then rotate the beam to another position and repeat the experiment.
- The cross-piece allows students to apply loads at different positions across and outside the section of the cantilever.