



Features

- Applied student learning via building and experimentation
- Supplied with a detailed instruction manual, covering the theory of moments including multiple practical experiments designed to further develop the students' understanding in this field

Tesca Moments Experiments Kit Moments experiment kit enables students to understand the relationship of weights and beam balance. Different configurations are possible to enhance understanding of the principles of moments, levers, beams and the relationship of distance and forces applied on a beam. This kit includes a rigid beam for experiments in the principle of moments, extending to levers and beams.

It shows the three main lever types (1st, 2nd and 3rd order) and includes an 'L' shape plate for experiments in bell crank levers. A pulley allows extra experiments with moments caused by oblique forces.

The rigid beam allows experiments that show the use of moments to find unknown weights, creating simple beam balances. It also works with spring balances to show reaction forces on beams with point loads and uniformly distributed loads (UDLs).

Specifications

- Rigid beam with hook points
- Bell crank lever with hook points
- Spring balances
- Pulley
- Weight hangers and weights
- Cord and hooks

Experiment Possibilities

- Principle of moments
- Beam balances
- 1st, 2nd and 3rd order levers
- Bell crank lever
- Beam reactions

Manuals

This unit is supplied with the following manuals: Required Services, Assembly and Installation, Starting-up, Safety, Maintenance & Practices Manual.

Note: Specifications are subject to change.

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