

Product Name :
Equilibrium Moments Two Arm Lever**Product Code :**
ALABS-A169-046ALTEC™**Description :****Equilibrium Moments Two Arm Lever**

This is used to investigate the fundamentals of the equilibrium of moments based on the example of a two-arm lever. Moments occurring on the lever are to be brought to equilibrium. A centrally mounted beam represents a two-arm lever. Movable riders are placed on the lever and loads are applied by means of weights. Equilibrium is attained by moving the loads. Distances from the pivot point - the lever arms - can be read from an integrated scale. The calculation of the lever arms is verified in the experiment. A vertical column carries the lever. A sturdy base plate ensures that the unit stands securely. The well-structured instructional material sets out the fundamentals and provides a step-by-step guide through the experiments.

Specification:

1. Investigation of the equilibrium of moments on a two-arm lever
2. Ball bearing-mounted beam with integrated scale as two-arm lever
3. 3 sets of weights

4. Sturdy metal frame

5. Box to house the components

Features:

- Fundamentals of the equilibrium of moments and application of the law of levers



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