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Science Lab

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Product Name :

Four Bar Chain Apparatus

Product Code :

SLE/MCE/25



Description :

Descriptions:

- Four-bar linkages are used to convert a uniform continuous rotation into a non-uniform rotation or oscillation.
- The apparatus has a disc with angular scale which is used to measure the exact input angle.
- The crank pin can be located at different radii on the
- The four-joint link is a four-bar pivot gear.
- It converts rotary motion into oscillating motion.
- The elements are connected to each other via pivot joints.
- The output angle is read at the angle scale on the output disk.
- The elements are mounted on a base plate.
- Two handles make it easy to carry and stack the unit.
- The positions of the pivot joints can be varied to adjust the crank radius, oscillation radius and coupling length.
- The input angle is adjusted using the drive disk, and an angle scale is integrated into the base plate.
- The unit can be used to investigate the crank-rocker mechanism, the double rocker mechanism and the double crank.
- The experimental unit comprises the drive disk with the crank and coupling and the output disk with the rocker.

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