

Product Name :
Four Bar Chain**Product Code :**
ALABS-A167-005**Description :****Four Bar Chain**

Using the four bar chain model, rotary motion is converted into oscillatory motion. An anodised aluminium disc is mounted on ball bearings as a crank. The disc has a scale so that the input angle can be exactly measured. The crank pin can be set at different radii on the disc. The connecting rod and the oscillating lever, made of black anodised aluminium, can be connected together in different lengths using easy to fit knurled bolts. The oscillating crank is attached to a disc with an angle measuring scale. All components are fitted to a white plate fitted with plastic feet. The unit is placed on the laboratory table for the experiment. Two metal handles make the unit easier to carry.

Specification:

1. Benchtop experiment on the kinematic behaviour of a four bar chain, Grashof set
2. Anodised aluminium discs, ball bearing mounted
3. Aluminium rods, black anodised

4. 3 different crank radii
5. 3 different swing radii
6. 4 different connecting rod lengths
7. lxwxh 380x280x100mm

Technical Data:

Crank radius

- 25mm - 37.5mm - 50mm

Swing radius

- 50mm - 100mm - 200mm

Connecting rod length

- 160mm - 180mm - 200mm - 220mm



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