

Product Name :
Crank and Connecting Rod Apparatus**Product Code :**
ALABS-A169-006ALTEC™**Description :****Crank and Connecting Rod Apparatus**

This experimental unit demonstrates the conversion of smooth rotary motion into reciprocating motion. The input angle is set on a ball bearing mounted crank disc made of anodised aluminium and read off on an angle measuring scale integrated into the base plate. A millimetre scale is fitted for the outlet stroke. The crank radius can be adjusted in three positions. The simple insertion of a bolt enables the swivelling cylinder to be locked, thus a crank drive with either a fixed or oscillating cylinder can be demonstrated. The components are attached to a solid, painted base plate. Two handles make the unit easier to carry.

Specification:

1. Experimental units on crank drives, with either fixed or swivelling cylinder
2. Ball bearing mounted crank disc, anodised aluminium, 3 different crank radii
3. Connecting rod black anodised aluminium
4. Painted base plate with handles

Technical Data:

Crank radius

- 25mm

- 37,5mm

- 50mm

Connecting rod length: 150mm



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