

Product Name :
Cam and Follower Model**Product Code :**
ELAB-MOL0001 LAB ENGINEERING**Description :**

Cam and Follower Model

Technical Specification :

Cam mechanisms are used in many areas of technology, such as for valve control in combustion engines. The simple experimental set-up permits quick demonstration of the action principle, and can be used to demonstrate the influence of different cam shapes. The cam follower can work either as a roller tappet, cup tappet, or trailing lever. The stroke is measured using a mechanical position measurement gauge. A scaled disk indicates the associated angle of rotation. The well-structured instructional material sets out the fundamentals and provides a step-by-step guide through the experiments.

Learning Objectives / Experiments

- displacement curves for cam mechanisms
 - * arc/tangent/concave/asymmetric cam
 - * choice of roller tappet, cup tappet or trailing lever