



**Product Code . JL-DOMLE-9147**

## Scotch Yoke Mechanism

### Description

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Scotch Yoke Mechanism

Two handles make the unit easier to carry.

The crank pin can be set at different radii on the disc.

The slider crank is attached to the crank pin on one side.

An anodised aluminium disc used as crank is mounted on ball bearings on a white plate.

The experimental unit is used to generate and investigate pure harmonic reciprocating motion.

The model is equipped with plastic feet and is placed on the laboratory table for the experiment.

This disc has a pointer so that the input angle can be exactly read on the integrated angle measuring scale.

On the other side the pin is mounted in straight guide that is fitted with a ruler to allow the output stroke to be read off with precision.

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