

**Product Name :**  
Kinematic Model: Crank Slider

**Product Code :**  
TN719



**Description :**

Kinematic Model: Crank Slider

**Technical Specification :**

Kinematic Model: Crank Slider

The unit is perform the following experiments and investigations:

Learning Objectives / Experiments:

Conversion of a uniform rotary motion into a purely harmonic reciprocating motion

Influence of crank length and input angle on the output stroke

Recording the transmission function of a crank slider

Specification:

Investigation of a crank slider

Generation and investigation of purely harmonic stroke movements

Adjustment of the crank radius at three positions of the connecting rod on the crank disk

Adjustment of the angle by turning the crank disk

Measure the stroke on the cylinder

Technical Data:

Crank disk

Anodized aluminium

Ball-bearing mounted

Crank radius

25mm

37,5mm  
50mm  
Connecting rod  
Anodized aluminium  
Cylinder  
Stroke 0...100mm  
Dimensions and Weight  
Length x Width x Height: 380x280x100mm  
Weight: 3kg

## Naugralabequipments

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