

**Product Name :**  
Kinematic Model Whitworth Quick Return Mechanism

**Product Code :**  
TN744



**Description :**

Kinematic Model Whitworth Quick Return Mechanism

**Technical Specification :**

Kinematic Model: Whitworth Quick Return Mechanism

The unit is perform the following experiments and investigations:

Learning Objectives / Experiments:

Investigation of a revolving crank slider

Influence of crank length and input angle on the output stroke

Recording the transmission function of a revolving crank slider

Specification:

Investigation of a revolving crank slider

Generation and investigation of non-uniform stroke movements

Adjustment

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

Adjustment of the angle by turning the crank disk

Measuring the stroke on the cylinder

Base plate with handles

Technical Data:

Drive disk

Anodized aluminium

Ball-bearing mounted  
Crank radius  
46mm  
Slider radius  
55mm  
Driving rod  
Anodized aluminium  
Length: 145mm  
Cylinder/driving rod/frame  
Weight: 2kg

## Naugralabequipments

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