

Product Name :
Kinetic Model Flywheel

Product Code :
TN446



Description :

Kinetic Model Flywheel

Technical Specification :

Kinetic Model: Flywheel

The unit is perform the following experiments and investigations:

Learning Objectives / Experiments:

Determine the mass moment of inertia by experiment

Dynamic fundamental law of rotational movement

Specifications:

Investigate the inertia of a flywheel

Generate a uniformly accelerated rotational motion of the flywheel

Driven by weights

Influence of weight on time taken to roll down

Measure the time and the acceleration distance

Determine the mass moment of inertia

Bracket for wall mounting.

Technical Data:

Flywheel

Diameter: 300mm

Thickness: 40mm

Mass: 22,2kg
Shaft
Diameter: 22mm
Weight for the drive
1x 1N (hanger)
4x 1N
3x 5N
Dimensions and Weight
Length x Width x Height: 250x350x1500mm
Weight: 30kg

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