

**Product Code . ILS-FAM-11688**

## Rotational Inertia Demonstrator

### Description

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The apparatus lends itself to accurate quantitative experimentation as well, with two ways of finding the moment of inertia: theoretically, according to the component masses and their dimensions, and experimentally, by measuring the angular acceleration for a given torque.

Observe the angular acceleration of the apparatus, and investigate the effects of changes in torque and inertia.




Simply move the rope to a pulley of different radius to change the torque, or move the mass on the arm to change the moment of inertia.

Qualitative observations are a snap, and students can easily see the dramatic effects of their adjustments.

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