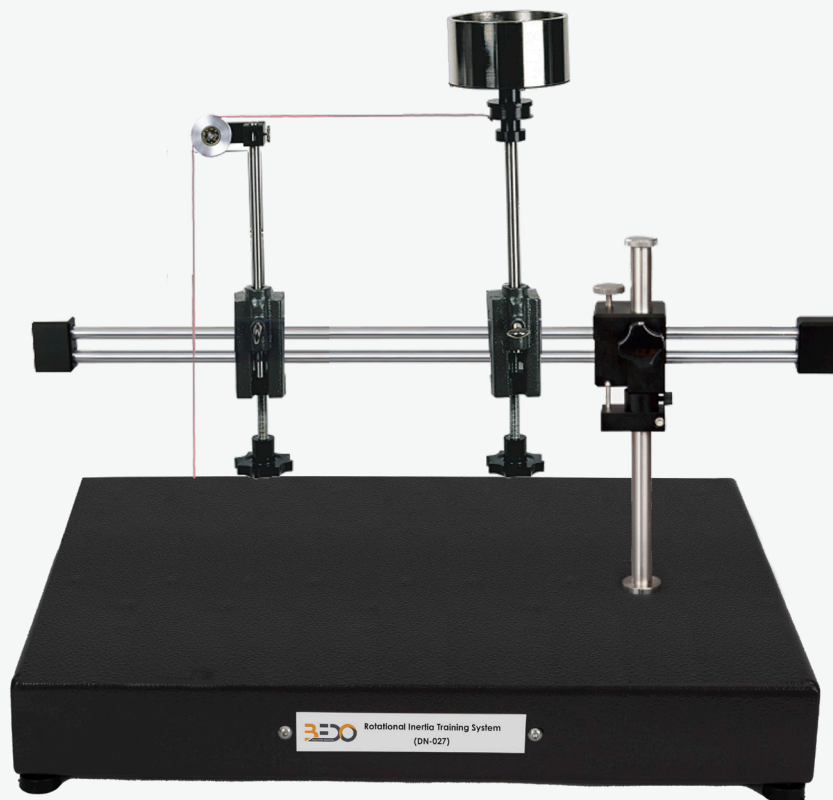


Rotational Inertia Training System

Overview

The Rotational Inertia Training System is an educational unit that is designed to study the mass moment of inertia of rotating bodies (hollow cylinder or solid cylinder).



Specifications

- The training system consists of a rotating bar, solid cylinder, hollow cylinder, and weight to drive.
- The training system unit is mounted to a tabletop plate via two support rods.
- The training system is designed to investigate the inertia of different bodies in rotational motion.
- Can generate the accelerated rotational motion by weight, pulley and cable drum
- Controlling the adjustable position of the mass by using rotating bar.
- The trainees can calculate the mass moment of inertia by measure the time, mass and acceleration distance

Experiments

- Verifying the inertia of rigid bodies in rotational motion.
- Verifying the mass moment of inertia, a function of the radius.
- Calculate the mass moment of inertia of different shaped bodies.

Scope of Delivery

- Rotational Inertia Training System (DN - 010)
- Hard copy user manual

Options

- Digital content (BI-01)