

Product Name :
Gyroscope Apparatus**Product Code :**
ALABS-A179-083**Description :****Gyroscope Apparatus**

The moments generated by the gyroscopic effect can be investigated using this unit. The basic component is a flywheel driven about its own axis. This is mounted together with its drive motor as a yoke and forms the gyroscope. This arrangement is placed in rotation about a vertical axis with the aid of a second motor. The rotational speeds of both motors are electronically regulated and displayed digitally. The gyroscopic moment is preselected by simply positioning a counterweight at different radii. A transparent cover provides protection against touching the rotating parts. The gyroscope is a portable table unit. All that is required for operation is a mains supply.

Specification:

1. Demonstration and student experiments on the moments generated on a gyroscope
2. Adjustable gyroscope speed
3. Adjustable gyroscope frame speed

4. Mass of the gyroscope body: 65g
5. Two independently controllable electric motors
6. Transparent protective cover made of plastic
7. lxwxh 420x400x310mm

Technical Data:

- Gyroscope rotational speed: 1000...6000rpm
- Gyroscope frame rotational speed: 5...63rpm
- Gyroscope weight: 65g
- Radius range of the weight: 0...95mm



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