

Product Name :

Gyroscope Experiment Manual

Product Code :

SLE/MCE/78



Description :

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- Experiment apparatus with a shaft that can be tilted and rotated while attached to a stand rod.
- On one side of the shaft there is a disc mounted on dual ball bearings, while on the opposite side there is a movable counterweight for establishing equilibrium.
- The shaft's angle of inclination can be read from an easily readable scale.
- A spirit level allows the gyroscope to be adjusted to the horizontal.
- The disc can be set rotating by hand or by means of a cord.
- Fine adjustment is performed by thumbscrew at the end of the shaft.
- The dual ball bearing system ensures that rotation is nearly frictionless and that rotation continues for lengthy periods of time.
- The open construction of the gyroscope allows gyroscopic phenomena to be observed easily and clearly.

Specification:

- **Scale:** – 40° to + 40°
- **Scale divisions:** 1°
- **Disc:** 250 mm dia.
- **Mass of disc:** 1500 g
- **Mass of counterweight:** 1400 g
- **Mass of additional weight:** 50 g
- **Dimension:** 400 x 300 x 400 mm
- **Weight:** 15kg

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