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## **Product Name:**

**Product Code:** 

Gyroscope Experiment Manual

SLE/MCE/78





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## **Description:**

## **Description:**

- 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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