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Product Name :	**Product Code :**
Motorized Gyroscope	NLAB-TECHNICALAB35003

Description :

Motorized Gyroscope

Technical Specification :

The set up consists of heavy disc mounted on a horizontal shaft, rotated by a variable speed motor.
The rotor shaft is coupled to a motor mounted on a trunion frame having bearings in a yoke frame, which is free to rotate about vertical axis.
A weight pan on other side of disc balances the weight of motor.
Rotor disc can be move about three axis.
Torque can be applied by calculating the weight and distance of weight from the center of rotor.
The gyroscopic couple can be determined.

Experiments :
Experimental justification of the equation T = 1 w.
wp for calculating the gyroscopic couple by observation and measurement of results for independent vibrations in applied couple T and precession wp.
To study the gyroscopic effect of a rotating disc
Observation of gyroscopic effect of rotating disc

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