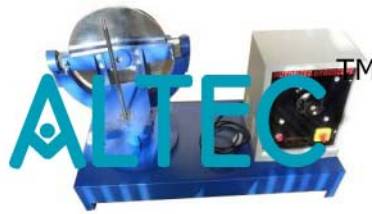


**Product Name :**  
Motorized Gyroscope**Product Code :**  
ALABS-A110-007**Description :****Motorized Gyroscope**

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 moved about three axes. 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  $T = 1 w. \omega p$  for calculating the gyroscopic couple by observation and measurement of results for independent vibrations in applied couple  $T$  and precession  $\omega p$ .
- To study the gyroscopic effect of a rotating disc
- Observation of gyroscopic effect of rotating disc

**Utilities Required :**

- Electric supply: 230 V AC, Single Phase.
- Bench area: 1m x 1m



**Equipments Exporters**

**Website:** [www.equipmentsexporters.com](http://www.equipmentsexporters.com), **Email:** [sales@equipmentsexporters.com](mailto:sales@equipmentsexporters.com)

**Address:** 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084