

Product Name :
Motorized Gyroscope Apparatus**Product Code :**
NMCBS11134**Description :**

Motorized Gyroscope Apparatus We are a prominent firm engaged in offering Motorized Gyroscope Apparatus. The product is provided with a stainless steel disc mounted on a horizontal shaft. The variable speed motor of the product is mounted on a trunnion frame having bearings in a yoke frame which freely rotates about its vertical axis. To maintain a proper balance, the apparatus is installed with a weight pan on the other side of the rotor disc which can be moved about three axis. Scope of Experimentation: Observation of gyroscopic effect of rotating disc To study the gyroscopic effect of a rotating disc Experimental justification of the equation $T = I \omega$. ω for calculating the gyroscopic couple by observation and measurement of results for independent vibrations in applied couple T and precession ω_p Utilities Required: 1m x 1m 230 V AC, single phase Bench area Tachometer to find out RPM of disc Electric supply Technical Details: Stop Watch Electronic Variable speed of standard make Supplied with Speed Control Unit Weights: 2 kg, 1 kg, ½ kg Stainless Steel Diameter: 300 mm x 12 mm thick precisely balanced which can be rotated in 3 mutually perpendicular axis Motor Accurately marked scale & pointer to measure precession rate Material Disc Motorized Gyroscope Apparatus, Heat And Refrigeration System Exporters, Heat And Refrigeration System Manufacturers