

Faraday's law *Dynamics first* Equipment

List

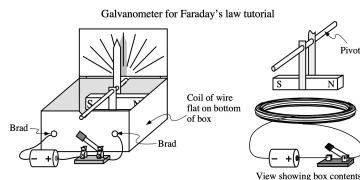
□ ammeter

Special Instructions

To be constructed (as shown below)

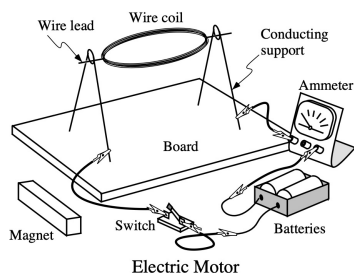
- 6 galvanometers
- 6 electric motors

Galvanometer:



Galvanometer magnets should be about 3" long. Coils should have ~40 windings.

Motor/galvanometer



Motors coils should be ~4" in diameter with 4 windings of stiff wire. Each lead to the coil should be stripped of insulation for half of its circumference.

Generator coils should have about 16 windings of partially stripped wire.