

## Electrostatic Pop-Bottle Motor



**Purpose:** Demonstrates a motor based on Coulomb's Law.

Electrostatic repulsion drives this motor surprisingly fast.

**Note:** Make sure the rotor bottle (center) is seated properly on the sharp support: it should turn smoothly and easily. The small copper wires from the side bottles need not touch the rotor.

**Extra Equipment:** High Voltage Equipment: The Wimhurst Machine works well.

**Location:** Shelf F1