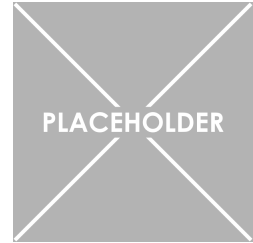


Charging Electroscope by Induction

Key words: electroscope, induction, electrostatics



Equipment List:

1. Isolated sphere
2. Electroscope
3. Camera
4. Perspex rod
5. Dry hand towel

How to assemble and operate:

- Rub the rod with the towel
- Place the towel near the electroscope ball
- Touch the electroscope with finger and move the towel away
- Observe the charging of the electroscope
- The isolated sphere can also be used to store and transfer charge

Description/Theory:

This demonstration illustrates how an electroscope can be charged using electrostatic charges generated via friction.

Comments/Notes: