

# Van de Graaff Generator\_Electricity I

An electrostatic generator, or electrostatic machine, a Van de Graaff Generator is an electrical generator that produces static electricity, or electricity at high voltage and low continuous current. Electrostatic generators operate by using manual (or other) power to transform mechanical work into electric energy, or using electric currents.

Answer the following, using complete sentences with the first word capitalized and end the sentence with a punctuation mark.

1. What is an electrostatic generator?

2. What is the job or purpose of an electrostatic generator?

3. What is the title of the video?

Demos: Van de Graaff Generator Video

- View the following UTube video : <https://www.youtube.com/watch?v=sKF17Iinwf4>
- Record your observations of each object's behavior in the table below as you view the video.

Object	Observations
4. Sparks	
5. Wig	
6. Pie tins	
7. Small to Large Ball	
8. Hail Storm	
9. Confetti	
10. Discharge Chamber	

KWL: Answer the following:

What do you know?

What would you like to know?

What did you learn?