



1 Usage
 This machine can produce electric potential difference of several ten thousand volt. As a high-voltage static power source in electrostatic experiment, it can be used to demonstrate properties and distribution of electric charges to illustrate principle of electrostatic induction, and to demonstrate phenomenon of power line and point discharge. It is an indispensable equipment in laboratory of college and middle school.

- 2 Main Technical Parameter AC220V
 1. Voltage of power source: AC220V
 2. Input power of the whole machine: 70W
 3. Diameter of storage ball: $\varnothing 200\text{mm}$
 4. Diameter of discharge ball: $\varnothing 60\text{mm}$
 5. Overall dimensions: $300 \times 200 \times 600$
- 3 Structure
 1. Storage ball
 2. Adjusting screw
 3. Electricity collection comb
 4. Belt pulley
 5. Polymethyl methacrylate tube
 6. Rubber belt
 7. Electric motor
 8. Lamp switch
 9. Base
 10. Power switch
 11. Ground socket
 12. Lamp for drying
 13. Discharge ball
 14. Insulating mole of discharge ball