

WIMSHURST MACHINE

Reference : WIMS



This machine made up of 2 transparent disks provided with metal segments, 2 capacitors (Leiden bottles), 2 discharge arms, and a plate makes it possible to carry out many experiments such as the study of the spark, its effects calorific and physiological, the distribution of charges, the lines of force of the electric field, etc.

Technical characteristics:

- Potential difference (depends on atmospheric conditions): About 160 kV
- Length of sparks: 2 to 5 cm depending on atmospheric conditions
- Ø of disks: 300 mm
- Mass: 3.4 kg