



5549

**VAN DE GRAAFF GENERATOR**

# #5549 Van De Graaff generator

## Manual and Motorized

The Van de Graaff generator is an electrostatic machine which uses a moving belt to accumulate electrostatic charge on a hollow metal globe on the top of a transparent and insulated column, that allows students to see how the system operates.

It is provided with a 225 mm sphere which can generate approximately  $150 \div 200$  KV.

Provided with electric variable speed motor or hand driving. Discharge sphere, electrostatic plume and electrostatic whirl are included.

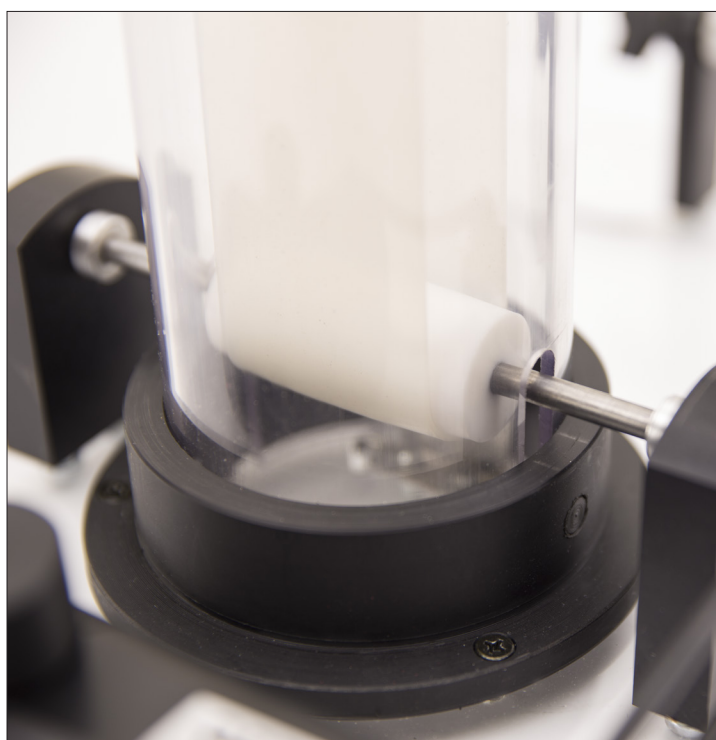
It's possible to adjust the distance between the globe and the discharge sphere, through an articulated joint placed on the base.

### Dimensions:

Spheres' diameter: 225 mm and 70 mm

Height: circa 650 mm

Base: 250 x 350 mm



## Accessories included



### Electrostatic plume

Plumes stand on due to the repulsive force between same charges.



### Electrostatic whirl

When placed on the globe of the Van de Graaff Generator, the spokes are propelled by charge leaving the points.