CHEMISTRY













1. Van de Graaff Generator

An all inclusive, high-power Van de Graaff kit. Generates 200,000 - 400,000 volts depending on humidity levels. The kit includes demonstrations that cover all aspects of electrostatics such as charge conservation and transfer, conductors, insulators, and

- Precision machined dome bracket to ensure easy fit and aluminium 200mm dome mounting to collect charge
- Grounded base mount discharge wand which can be removed
- 3 speed adjustable motor

Pack Price Code PHY1140 Fach £242.00

2. Optika Van de Graaff Generator

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 225mm sphere which can generate approximately 150 - 200kV.

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

Code Pack **Price** EDU2134 Each £484.57

3. Van de Graaff Accessories

A complete accessories kit for use with a Van de Graaff. The accessories are fixed in 4mm sockets in top of sphere. Th kit includes: pillar with suspended metallised sphere, Faraday's pail, a Perspex® cylinder with metal caps and 4 metallised spheres, head of hair, point discharger, neon bulb, and electric whirl.

Code Pack PY2026 Fach £41.47

4. Van de Graaff Generator, Hand Operated

This hand powered Van de Graaff generator has a 20cm diameter metal sphere. It comes with a 10cm diameter discharging sphere. The kit comes partially disassembled so it is perfect for a student to build from scratch. Recreate lightning in your classroom. Dims (l x w x h): 50.8 x 40.5 x 21.6cm. Weight: 3.6kg.

Code Pack Price PY2036 Each £95.62

5. Optika Wimshurst Electrostatic Machine

- Has two special disks which don't deform over the course of time
- Two Leyden decomposable bottles
- Adjustable distributor
- Spark: 50-60mm
- Disk diameter: 400mm with disk supported by bearings for greater stability

Code Pack Price EDU2130 Fach £776.69