

1. Van de Graaff Generator

A motor driven assembly encased in a sturdy metal box made of specifically designed two part aluminium extrusion with insulated plastic side supports for safety. The motor driven lower roller rotates the upper roller assembly located on top of the insulated Perspex pipe through a removable rubber belt. The motor operates on 230V AC supplied through a fused input socket. Under favourable conditions the unit can produce a potential of up to 200kV with a spark of up to 80mm in length. A 4mm socket terminal is provided to earth the discharge sphere with an additional 4mm terminal on the main dome for attaching the accessories.

Code	Description	Pack	Price
PY5500	Van de Graaff generator	Each	£150.65
PY5522	Spare belt	Each	£21.41

2. PSU Base Van de Graaff Generator with Accessories

Van de Graaff generator is an electrostatic generator which uses a moving belt to accumulate very high electrical potential on a hollow metal sphere on the top of the stand. This model may be operated in electric motor mode or hand cranked to illustrate that the charge produced is nothing to do with the mains power supply. Produces large sparks in excess of 100mm. Supplied complete with accessories.

Code	Pack	Price
★ EDU2124	Each	£417.18

3. 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	£435.70

4. Van de Graaff Accessories

Complete accessories for Van de Graaff. The accessories are fixed in 4mm sockets in top of sphere. Pillar with suspended metallised sphere, Faraday's pail. Perspex cylinder with metal caps and 4 metallised spheres, head of hair, point discharger, neon bulb, and electric whirl.

Code	Pack	Price
PY2026	Each	£47.65

