

Product Name :
Van De Graaff Generator for Physics Electric Labs

Product Code :
E 03



Description :

Large spherical dome for generating high voltage. Motor-driven insulating belt. Van De Graaff Generator - Large spherical dome for generating high voltage. Motor-driven

insulating belt. Van De Graaff Generator is a standard apparatus for demonstrating the presence of static electricity. Overall, the concept of Van De Graaff Generator is very simple. A belt passes over two rollers, made of different materials (teflon & aluminum). Two metal combs are held near the belt surface and the lower roller is attached to the electronic motor. This device harnesses an effect called Electrostatic Induction in order to pump electrical charge. These electrical charges get accumulated on the surface of aluminum dome. As a result sparks are seen if the grounded aluminum sphere is brought near the dome, depicting the phenomenon of corona discharge.

Large spherical dome for generating High Voltage

Motor-driven insulating Belt

Easy to Operate

Low Cost

Learning material CD

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